The "**Smart**" Choice when it comes to Flue Gas Analysis & Testing Solutions

TPI View

DC710

12 YEAR WARRANTY

DC710

DC710

TPI DC711

Flue Gas Analyser

SP620
Differential Manometer

SP700
CO Meter

SP1000
CO₂ Meter

64.2 °C

57.3 °C

6.9 °C

2025 HVAC/R Instrument Catalogue

Contents

Test Products International (TPI) Europe Ltd

are manufacturers and suppliers of a vast range of quality hand-held test and measurement instruments for Domestic & Commercial/Industrial applications, with over 100 products in the range including Flue Gas Analysers, Gas Leak Detectors, Digital Manometers, Multi-Meters, Temperature Measurement, IAQ and Industrial Vibration Meters.

TPI are equipped to provide the right product at the right price with continuous on-going support for years to come.

Excellent prices, dedicated after sales support and low calibration costs set TPI apart from their competitors.

- **In-House industry & legislative driven innovative design**
- **100+ products covering a vast array of applications**
- **UK based life-long service & back-up support**
- **Robust & reliable products**
- **Minimum 3 year warranty - up to 12 years on the** DC710 12 YEAR WARRANTY
- **Excellent customer & distributor support**
- **Suppliers to large Blue Chip companies**

trusted and relied upon, around the world, by class leading organisations.

Pressure
UK Timed Tightness and Working Pressure Tests

Ambient CO2
CMDDA1 COMCAT Commercial Kitchens

EN50379:1&3   DC710   Bluetooth™

Temperature
Flow & Return and Legionnella Temperature Testing

Airflow
Ventilation Air Speed, Exhaust Grills & Fume Hoods

Flue Gas Analysis - Use for **BS7967** to View "LIVE" GPS tagged, Colour coded, Flue Gas readings on you smartphone or tablet ready to be Saved, E-mailed and Printed

10 Reasons why the DC710 🔵 Bluetooth™ Flue Gas Analyser & accompanying range of 🔵 Bluetooth™ Probes are the "SMART" choice for Professional Gas Engineers.....

1. Flue Gas Analyser upgrade kit from as low as £**340**
2. Smart Probes from as low as £**65**
3. Integration into existing Job Management software meaning engineers don't need to learn new systems
4. Colour coded "In Spec" highlighted readings showing engineers quickly if a readings is good or bad
5. Helps **reduce "Call-Backs"** due to Human Error as ALL readings are transferred electronically and can't be altered
6. Colour coded alert for Next Calibration Due Date, helping you stay compliant with Gas Safe Register
7. Use for **BS7967** & **BS EN50543** (formally BS8494) with **GPS tagged** reports which can be e-mailed to multiple recipients, giving you peace of mind that the Job was completed **WHEN & WHERE** it was meant to be
8. ALL reports in one place for ease of documentation
9. Proven "Water Stop" technology in sampling probe & High Range 10,000ppm CO sensor to help keep the FGA in the field for longer, **reducing unnecessary downtime**
10. UK design & back-up with industry leading annual service charge starting from £**95**

The FREE App.

Download on the App Store

GET IT ON Google Play

Seeing is believing when it comes to how easy the TPI View app makes the most demanding of tasks seem effortless.

As simple as 1, 2, 3

1. Connect Device

Available TPI Devices

DC710
Device ID: 071

SP341
Device ID: 013

SP1000
Device ID: 016

SP620
Device ID: 204

608BT
Device ID: 2720231BT013

Simply Click to Choose the Instrument you want to use

See a multitude of "LIVE" colour coded Tests and Results on your High Resolution Smart Phone or Tablet

2. View Readings

SP620 S/N: 27764390204

LIVE PRESSURE | WORKING PRESSURE | LET-BY TIGHTNESS

09/01/2019 16:02:00   Battery: 100%

Live Pressure

10.49

SP341 S/N: 27533560013

LIVE TEMPERATURE | DIFFERENTIAL TEMPERATURE

07/01/2019 15:51:55   Battery: 100%

Differential Temperature

Temperature 1: **24.8°C**

Temperature 2: **25.9°C**

SP620 S/N: 27764390204

LIVE PRESSURE | WORKING PRESSURE | LET-BY TIGHTNESS

09/01/2019 16:02:51   Battery: 100%

Working Pressure

16.38
mBar

DC710 S/N: 28004230241

AMBIENT CO

03/01/2019 11:32:44   Battery: 67%
Last Cal. Date: 29/11/2018   Cal. Due Date: 28/10/2019

Live Carbon Monoxide

18 PPM

Min | 0 PPM | Max | 301 PPM | Average | 24 PPM

Countdown Timer

SP620 S/N: 27764390204

LET-BY TIGHTNESS

09/01/2019 16:09:44   Battery: 100%

Tightness Test
(Pipework Only)

Initial Value
19.94
mBar

Final Value
19.92
mBar

Difference Value
-0.02
mBar

Test Passed

CREATE REPORT | EXIT TEST

DC710 S/N: 28004290009

FLUE GAS ANALYSIS | AMBIENT CO | DIFFERENTIAL TEMPERATURE

14/02/2019 16:12:23   Battery: 68%
Last Cal. Date: 26/11/2018   Cal. Due Date: 26/11/2019
Fuel Type: Natural Gas

Carbon Monoxide (CO):
426 PPM

Carbon Dioxide (CO2):
10.5%

Ratio (CO/CO2):
0.0042

Oxygen (O2):
2.4%

Excess Air:
13%

CREATE REPORT | STOP PUMP

3. Create Report

SP620 Report

Reference: Let-By Tightness

- Stabilisation Period -

Start Date/Time: 09/01/2019 16:06:23
P1 Start: 20.06 mBar
P2 Finish: 20.04 mBar
Diff (P2-P1):   -0.02 mBar
Elapsed: 60 s
End Date/Time: 09/01/2019 16:07:23

- Tightness Test -

Start Date/Time: 09/01/2019 16:07:39
P1 Start: 19.94 mBar
P2 Finish: 19.92 mBar
Diff (P2-P1):   -0.02 mBar
Elapsed: 120 s
End Date/Time: 09/01/2019 16:09:39

51°6'42.262"N 0°11'8.356"W
Estimated Accuracy 18 metres
App Location: UK

EDIT REF | PRINT
SAVE TO JOB
< BACK | EMAIL

Every report created is colour coded with Date, Time & GPS Location

Then easily Print, Email and/or Save using the in-built Job Management - The choice is Yours!!

Job Management allows you to create multiple JOBS and attach multiple REPORTS from different Smart Instruments to each JOB

Create JOBS before, or after, you start taking readings

Give each report a different reference/name

Save to a JOB, Print or E-mail or ALL 3 - the choice is Yours!!

Save to an existing JOB or Create a NEW one

Add New Reports or View already Attached Reports

Choose which reports to e-mail as you sign off the JOB

Customer's signature which will appear on ALL reports

All reports are PDFs with Signatures, Date, Time & GPS

The SMART analyser that works Traditionally, OR with the FREE, Subscription FREE, TPI View app. The choice is YOURS, now or in the future!!

*smart phone not included

- Easy to Use, Durable & Affordable!!
- Domestic or Commercial
- Upgradeable to include NOx sensor
- Upgradeable to include High CO sensor
- Multiple Fuel Options
- Hold, Save, Print & Send
- Clear, Easy to Read Screen
- Easy to Navigate Menu System
- Pressure & Tightness Test feature
- Differential Temperature for Flow & Return or Radiator Balancing

To View....or NOT to View..?? that is the question!!

DC711-Kit   £555 exc. VAT

DC711-Kit 1   £695 exc. VAT

The DC711-kit / DC711-kit 1 will NOT connect to the TPI VIEW App BUT it can be upgraded by returning the DC711 to the TPI service centre when required*


```
GAS TEST N - Gas                    10:42:01

CO    0ppm        O2    21.0%
CO2   0.0%        XAir  ----
Ratio ----   %    EF(C) ----   %
NO    0ppm        T1    Open  °C
NOx   0ppm        T2    Open  °C
                  T1-2  ----  °C
                  PRS  -0.951mbar

F1  Unit T   F2  Start   F3  Effic
```



```
TEMP/PRESSURE                       10:59:58

T1      39.5  °C
T2      16.7  °C
T1-T2   22.4  °C


PRSU    0.213 mbar


F1  Zero    F2  Send     F3  Save
```



```
CO BUILD UP                         11:01:15

Sampling time      00:60  sec
Tot. elapsed time  00:07  sec
Store Address      0
Save No            0
   CO read         2 ppm
   CO Min          0 ppm
   CO Max          3 ppm
   CO Agv          1 ppm

F1          F2  Stop     F3
```



```
TIGHTNESS                           11:15:45

Address :              00
Pressure unit :        mbar
Pressure read :        20.44
   -- Tightness --
Start P1 :             20.38
Finish P2 :            20.44
Diff(P2-P1) :          0.065
Elapsed time :         02:00

F1          F2  Pass     F3  Fail
```

*Upgrade cost to enable View Connectivity is £75 plus VAT and shipping charges.

DC711-View Kit £**630** exc. VAT

*smart phone not included

DC711-View Kit 1 £**770** exc. VAT

*smart phone not included

GET IT ON
Google Play

Download on the
App Store

BP1
£85
exc. VAT

A741BT
£150
exc. VAT

Kits

DC711 Kit	DC711 Analyser, Probe & Charger in Padded Carry Case	**£555**
DC711 Kit 1	As DC711 Kit **PLUS** A741BT Wireless Printer	**£695**
DC711-View Kit	View enabled Analyser, Probe & Charger in Padded Carry Case	**£630**
DC711-View Kit 1	As DC711-View Kit **PLUS** A741BT Wireless Printer	**£770**

Upgrades

DC711-HCO	Add High CO (replacement for standard CO)	**£150**
DC711-NO	Add NOx (in addition to O2 and CO sensors)	**£250**
BP1-Up	Replace standard Padded Carry Case for Multi-Purpose, Multi Tool Back Pack	**£50**
View-Up	Upgrade cost to enable VIEW app remote connectivity	**£75**

DC710 Smart Flue Gas Analyser

Annual service/recertification ONLY £95

11 Fuels inc. Natural Gas, LPG, Light & Heavy Oil, Wood Pellet, Biomass & Solid Fuels

*Smart Device NOT Included

Works with Apple & Android

Download on the App Store

GET IT ON Google Play

Use with most existing TPI accessories such as Temperature & Sampling Probes

DC710 12 YEAR WARRANTY

- Measures CO & O2 and View app calculates CO2, Ratio & Efficiency
- Measures Dual Temperatures for Flow & Return or Radiator Balancing
- Use for BS7967
- Full Kit & Pressure Kit comes complete with TPI's Water Stop Filter Probe
- 10,000ppm over-range CO sensor to help avoid saturation & potential unnecessary downtime
- Works on Light or Heavy Oil, Wood Pellet/Biomass or LPG in addition to Natural Gas & H2 Ready
- Annual service/recertification ONLY £95
- USB Charging with Charging Symbol & Low Battery indicators
- In-Built Magnet for Safe Housing on Appliances
- In-Built Hanging Hook where Magnets won't work
- Robust design with Protective Rubber End Caps
- Designed to be able to integrate with existing Job Management apps
- Designed to be able to integrate into existing PC based programs
- Works with optional Bluetooth™ Printer through View app.

We'll be happy to discuss how we can populate the readings into your existing systems.

A741BT (optional Bluetooth Printer) **£150** exc. VAT

works direct with the DC711 & with DC710, DC711 & ALL other Smart Probes through the TPI View app

DC710
Upgrade Kit
£340
exc. VAT

Use with your existing TPI Probe, CarryCase & most accessories. Comes complete with: -

- DC710 🅱 **Bluetooth**™ enabled FGA
- USB charger cable & universal plug
- Protective Rubber End Caps
- GK11M Air Temperature Probe
- A763 Mini In-Line Pump Protection Filter

Download the FREE TPI View app and you are good to GO!!

DC710 12 YEAR WARRANTY

DC710C1
Full Kit
£410
exc. VAT

Use with most of your existing TPI accessories. Comes complete with: -

- DC710 🅱 **Bluetooth**™ enabled FGA
- USB charger cable & universal plug
- Protective Rubber End Caps
- GK11M Temperature Air Probe
- A763 Mini In-Line Pump Protection Filter
- A770 Water Stop Sampling Probe
- A787 CarryCase

*Smart Devices NOT included

Download the FREE TPI View app and you are good to GO!!

DC710C2
Pressure Kit
£490
exc. VAT

Use with most of your existing TPI accessories. Comes complete with: -

- DC710 🅱 **Bluetooth**™ enabled FGA
- USB charger cable & universal plug
- Protective Rubber End Caps
- GK11M Temperature Air Probe
- A763 Mini In-Line Pump Protection Filter
- A770 Water Stop Sampling Probe
- A787 CarryCase
- SP620 Dual Input Manometer

*Smart Devices NOT included

Download the FREE TPI View app and you are good to GO!!

The *SMART* CPA1 Analyser Kit

DC710 **12 YEAR WARRANTY**

GET IT ON Google Play

Download on the App Store

£615
exc. VAT

DC710

SP620 Differential Manometer

*Smart Phones/Tablets NOT included

Use with most of your existing TPI accessories. Comes complete with: -

- DC710 **Bluetooth**™ enabled FGA
- USB charger cable & universal plug
- Protective Rubber End Caps
- GK11M Temperature Air Probe
- A787 CarryCase

- A763 Mini In-Line Pump Protection Filter
- A770 Water Stop Sampling Probe
- CPK3 CPA1 Probe Kit
- SP620 Dual Input Manometer
- CK21M/Pair Temperature Pipe Clamps

- 10,000ppm CO Sensor
- 11 Fuel settings
- Dual Pressure
- Dual Temperature
- In-Line Large Water Trap
- Diagnostic Software
- Measure O2, CO & Temp
- Calculates CO2, Ratio and Efficiency

LOW ANNUAL Re-Certification Costs

£95

Includes scheduled O_2 & CO sensor changes and return carriage

Contact TPI Europe Ltd for FULL Written Terms & Conditions

Kit	Analyser, Probe & Charger in Padded Carry Case	£420 exc. VAT
Kit 1	As Kit **PLUS** Infra Red Printer	£555 exc. VAT

709R Kit **£420** exc. VAT

6 Year Warranty

Value for Money & Peace of Mind

- Combustion Efficiency: Measure O2, CO, & flue temperature. Calculate efficiency, excess air, CO2 & (CO/CO2) Ratio.
- CO Analyser: Measure carbon monoxide in ambient air.
- Differential Manometer: +/- 150 mBar (0.01 mBar resolution)
  Great for Let By/Tightness or Working Pressure Testing
- Differential Thermometer: Dual input for differential temperatures
Ideal for Measuring & Recording Flow & Return Temperatures

Choose from a range of complimentary instruments & accessories to build you own kit

608BT £105 exc. VAT — Bluetooth™ Digital Manometer

- Works with TPI View to perform, save, e-mail & print UK Let-By/Tightness & Working Pressure Tests
- Magnets & Hanging Hook
- +/- 150 mBar range
- 0.01 mBar resolution

725L £45 exc. VAT — Pocket Gas Sniffer

- Detect & Trace combustible gas leaks
- Flexible neck for hard to reach areas
- 40ppm sensitivity
- Easy to use, single button w/ Visual & Audible Indicators

50 £19 exc. VAT — AC Volt Alert Tester Stick

- Non-Contact
- 50 to 1,000 Volts
- Audible & Visual Indicators
- Determine the presence or absence of AC voltage without disconnecting the system in question

368 £22 exc. VAT — IR Close Focus Temperature

- Non-Contact Thermometer
- -22°C to 120°C range
- Measure surface temperature without contacting with the surface
- Data hold, Min/Max & Scan
- Pocket size with carrystrap

CPK3 £95 exc. VAT — CPA1 Probe Kit

- Use on a range of open flued, room sealed and flueless appliances
- Use to sample combustion products from cookers, grills and flueless appliances as described in BS7967:2005

CK21M £16.50 exc. VAT — Pipe Temperature Probe

- Works with the DC710 Kits and SP341 Kits
- Jaw Opening suitable for Pipes up to 22m
- -50°C to 250°C range
- 1 metre coiled cable length w/ "K" type sub-mini connector

For the FULL range of TPI solutions & Accessories visit: -
www.tpieurope.com

A770-A £80 exc. VAT — Angled Sampling Probe

- Angled for insertion into hard to reach flue test points
- Comes with A796 Water Stop Filtration System as used on ALL TPI FGAs for over 8 years
- Use with DC710 Kits

Water Stop External Filtration System **supplied as Standard** across all TPI Flue

Gas Analyser Kits and proven over the past 10+ YEARS to protect the unit from both particulates & water/condensate ingress reducing unnecessary downtime and unexpected,potentially expensive, bills outside of warranty & servicing schedule.

Large visible water/condensation collection area

Gas sampling flow path that works from OUT to IN so you can clearly see when Filters are WET and/or DIRTY

Large particulate filter to capture dust/dirt

The ORIGINAL membrane filter which eliminates water & condensate ingress

Service, Calibration & Repairs carried out within our UK facility by knowledgeable, competent and fully trained engineers. With a quick turnaround and the facility to either return your TPI instrument direct through our traceable customer portal or through a merchant...........the flexibility is yours!!!!
Call our Technical Helpline on **01293 530196** for further details.

Flue Gas Analyser Soft Carry Case

A768
£**20**
exc. VAT

Replacement Air Probe

GK11M
£**7**
exc. VAT

Replacement Pump Protection Filter

A763
£**6**
exc. VAT

Replacement Particle Filters for A796

A796-F
£**16**
exc. VAT

A773
£**12**
exc. VAT

Oil Filter

Use the A773 in addition to the Water Trap & Pump Protection Filters to stop potentially harmful residues from affecting the performance of the CO sensor and the internal pump within your Flue Gas Analyser when used on solid fuels.

Replacement Water Stop Filter

A796-D
£**6**
exc. VAT

Replacement Water Stop Bowl Complete

A796
£**20**
exc. VAT

A740 £135 exc. VAT — Infra Red Printer

- Works with the 709R, 712, 717R & 716
- Battery Operated
- Self Test Facility
- Adjustable Contrast
- Manual Paper Feed

A746 £11 exc. VAT — Replacement Paper Rolls (Pack of 10)

Replacement Paper Rolls that fit both the A740 IR Printer and the A740BT Bluetooth Printer

A788 £105 exc. VAT — Smoke Pump

Use the A788 Smoke Pump to check the Flue against the Smoke Test Scale Papers to establish the scale of cleaning before Flue Gas Analysis is carried out....

A125 £12.50 exc. VAT — Magnetic Hanging Boot Hook

Use the magnetic hanging boot hook to fit with the protective boot for hands free use for the 709R and 716 or various Digital Multimeters

CPK3 £95 exc. VAT — CPA1 Probe Kit

- Use on a range of open flued, room sealed and flueless appliances
- Use to sample combustion products from cookers, grills and flueless appliances as described in BS7967:2005

CK21M/Pair £30 exc. VAT — Pair of Pipe Temperature Probes

- Works with the 709R, DC710 Kits and SP341 Kits
- Jaw Opening suitable for Pipes up to 22m
- -50°C to 250°C range
- 1 metre coiled cable length w/ "K" type sub-mini connector

A770 £80 exc. VAT — Straight Sampling Probe

- Straight probe with Industry Standard 250mm Stem
- Comes with A796 Water Stop Filtration System as used on ALL TPI FGAs for over 8 years
- Use with DC710 Kits

A770-A £80 exc. VAT — Angled Sampling Probe

- Angled for insertion into hard to reach flue test points
- Comes with A796 Water Stop Filtration System as used on ALL TPI FGAs for over 8 years
- Use with DC710 Kits

SP620
Bluetooth™ Dual Pressure
£80
exc. VAT

Use with the **FREE** TPI View app: -

- View "LIVE" Pressure Readings
- Save, e-mail and/or Print colour coded "Working" Pressure Results
- Perform, Save, e-mail and/or Print colour coded FULL UK Let/By Tightness Test Results
- Store ALL and ANY Test Results within the JOB Management
- +/- 150 mBar range
- 0.01 mBar resolution

SP341
Bluetooth™ Single Temperature
£65
exc. VAT

Use with the **FREE** TPI View app: -

- Use with ANY "K" type probe(s) fitted with sub-mini connector(s)
- View "LIVE" Temperature Readings
- Save, e-mail and/or Print Differential Temperature Results
- Use for Legionella Temperature Testing or Flow & Return Temperatures etc....
- Store ALL and ANY Test Results within the JOB Management
- -50 °C ~ 1350 °C range

SP1000
Bluetooth™ Ambient CO2
£215
exc. VAT

Use with the **FREE** TPI View app: -

- View "LIVE" Ambient CO_2 Readings
- Save, e-mail and/or Print "Live" Ambient CO_2 readings
- Perform, Save, e-mail and/or Print TIMED Ambient CO_2 Test Results
- Use for CMDDA1, COMCAT and/or Commercial Kitchen environments
- Store ALL and ANY Test Results within the JOB Management
- 0 ~ 6,000 ppm range

SP620725L Kit
£135
exc. VAT

Smart Tightness Test Kit

Comes complete with: -

- SP620 **Bluetooth**™ enabled Manometer
- 725L Pocket Combustible Gas Leak Detector w/ Flexi-neck
- A900 CarryCase

Use the SP620 to perform and save the UK LetBy Tightness Test then the 725L to pinpoint any leaks if necessary

SP341C1
£76
exc. VAT

Immersion Temperature Kit
Comes complete with: -

- SP341 **Bluetooth**™ Thermometer
- FK13M Immersion Probe
- A341SP Pouch

Use the FK13M for measuring Water Temperatures. Store ALL and ANY Test Results within the JOB Management

SP341C2
£76
exc. VAT

Ambient Air Temperature Kit
Comes complete with: -

- SP341 **Bluetooth**™ Thermometer
- GK15M Air Probe
- A341SP Pouch

Use the GK15M for measuring Vent Temperatures. Store ALL and ANY Test Results within the JOB Management

SP341LK
£105
exc. VAT

Legionnaires Temperature Kit

Comes complete with: -

- SP341 **Bluetooth**™ enabled Thermometer
- FK13M Immersion Probe
- CK15M Surface Probe
- A926 Zipper Case

Use the FK13M for measuring Water Temperatures and the CK15M for Surfaces. Store ALL and ANY Test Results within the JOB Management

SP555

Bluetooth™ Vane Velocity Meter

£80 exc. VAT

Use with the **FREE** TPI View app to:

- View "LIVE" air velocity and temperature readings simultaneously
- Automatically calculates and displays CFM through the View app
- Multiple measuring units: m/s, km/h, ft/min, knots, mile/h
- Record minimum, maximum & average
- Create unique reports & e-mail
- Air Velocity: 98 to 4900 fpm; 0.5 to 25 m/s
- Temperature: -20°C to 60°C

SP565

Bluetooth™ Hotwire Velocity Meter

£80 exc. VAT

Use with the **FREE** TPI View app to:

- View "LIVE" air velocity and temperature readings simultaneously
- Automatically calculates and displays CFM through the View app
- Multiple measuring units: m/s, km/h, ft/min, knots, mile/h
- Record minimum, maximum & average
- Create unique reports & e-mail
- Air Velocity: 40 to 3900 fpm; 0.2 to 20 m/s
- Temperature: -20°C to 60°C

DC580C3

Bluetooth™ Hotwire & Vane Velocity Meter

£215 exc. VAT

✓ Measure air velocity and temperature simultaneously.

✓ Field replaceable hot-wire and vane probes.

✓ Ideal for in-duct traversing; automatically calculates CFM.

In-duct Hot-wire Traverse
Easily input duct shape & size, and free air. The DC580 then automatically calculates CFM by averaging multiple test points along a traverse. The telescoping hotwire probe with etched ruling and flat edge make it simple to complete the duct traverse.

Vane Probe Accuracy
The size of the DC580 vane probe ensures accurate measurement of air velocity and temperature. Smaller vanes rotate erratically or stop spinning when air turbulence is encountered. This probe is ideal for troubleshooting at air vents and registers.

✓ Collect and communicate data with FREE smartphone app.

SP700
Bluetooth™ Ambient CO

£85 exc. VAT

- View "LIVE" Ambient CO Readings
- Save, e-mail and/or Print "Live" Ambient CO readings
- Perform, Save, e-mail and/or Print TIMED Ambient CO Test Results
- Remote Data Logging Function with Multiple instruments logging at the same time
- Monitor multiple rooms simultaneously
- Store ALL and ANY GPS tagged Test Results within the JOB Management
- Confirm Proper Operation of Alarming CO Detectors in Households
- 0 ~ 999 ppm range in 1 ppm increments

SP597
Bluetooth™ Temperature & Humidity

£100 each exc. VAT

£190 pair exc. VAT

- View "LIVE" Temperature & Humidity Readings
- Save, e-mail and/or Print Temperature & Humidity readings rooms & ducts
- Ideal for checking air conditioning system humidifiers
- Remote Data Logging Function with Multiple instruments logging at the same time
- Store ALL and ANY GPS tagged Test Results within the JOB Management
- -20 ~ +60 °C (-4 ~ +140 °F) Temperature range
- 0 to 100% Humidity range

SP323
Bluetooth™ Temperature Pipe Clamp

£70 each *exc. VAT*

£135 pair *exc. VAT*

- View "LIVE" Temperature Readings and instantly Save, e-mail and/or Print them
- Save, e-mail and/or Print "Differential" Temperature readings with either a Single Pipe Clamp or a Pair of them
- Perform, Save, e-mail and/or Print differential temperature readings such as Radiator Balancing or Flow & Return on Boilers or Heat Pumps
- Remote Data Logging Function with Multiple instruments logging at the same time
- Store ALL and ANY GPS tagged Test Results within the JOB Management
- -40 ~ +85 °C (-40 ~ +185 °F) range with Jaw opening up to 38mm (1$^{1/2}$")

SP670
Bluetooth™ High Pressure

£100 each *exc. VAT*

£190 pair *exc. VAT*

- View "LIVE" High Pressure readings
- Save, e-mail and/or Print Pressure readings with GPS tagged Date & Time on Report
- Ideal for checking for compressor leaks
- Perform Superheat & Subcool Refrigerant Calculations when paired with SP323 Probes
- Store ALL and ANY GPS tagged Test Results within the JOB Management
- -1 ~ +60 Bar (-14.7 ~ +870 PSI) Pressure range

SPCHKIT
Bluetooth™ Refrigeration Test Kit

£335
exc. VAT

Kit comprises of:-
2 each SP323 Temperature Pipe Clamps
and
2 each SP670 High Pressure Refrigeration Probes

SPCHKITDLX
Bluetooth™ Refrigeration Deluxe Test Kit

£525
exc. VAT

Kit comprises of:-
2 each SP323 Temperature Pipe Clamps
and
2 each SP670 High Pressure Refrigeration Probes
and
2 each SP597 Temperature & Humidity Probes

TPi View

The FREE App.

Download on the App Store

GET IT ON Google Play

Carbon Monoxide (CO) Ambient Air Monitor

770
£160
exc. VAT

- **0 to 999** ppm in 1 ppm increments
- Visual & Audible (user settable) alarm
- Displays MAXIMUM CO & time elapsed (hours & minutes) since power on

Carbon Monoxide (CO) Personal Monitor

777
£125
exc. VAT

- STEL and TWA Alarms
- Visual & Audible alarm
- **0 to 1,000** ppm in 1 ppm increments
- Always ON
- ONE Button Operation

Carbon Dioxide (CO2) & Carbon Monoxide (CO) Ambient Air Monitor

1010a
£700
exc. VAT

- Direct CO_2 measurement for CMDDA1 & COMCAT.
- Measure Ambient CO & CO_2 levels in work & office spaces simultaneously to avoid having to carry 2 separate instruments
- Measure Temperature & Humidity at the same time
- Displays 4 readings on Large Easy to Read Backlit LCD Screen
- Log up to 1,000 readings in intervals of between 1 & 60 minutes
- Works with TPI A740 IR Printer

Combination Ambient CO Monitor & Gas Leak Detector

775
£240
exc. VAT

- Combination instrument avoids the need to carry 2 instruments
- **CO: 0 to 2,000 ppm**
- Same great features as TPI 770
- **Gas: 50 ppm Sensitivity to Methane**
- Use the combustible gas leak sensor & adjustable tic rate, for pinpointing gas leaks, if necessary, after performing a Tightness Test
- Visual & Audible (user settable) alarm
- Backlight for working in badly lit areas
- Trace for gas leaks where pipework is enclosed or not visible

Pocket Gas Sniffer c/w Flexi-Neck

725L
£45
exc. VAT

- 40 ppm Sensitivity
- 185mm Flexible Neck
- Detect all combustible gases
- Zero background levels to pin-point leaks

Combustible Gas Leak Detector with ppm and % LEL Display

721
£160
exc. VAT

- 10 ppm Sensitivity
- Switch between ppm or % LEL to better determine the level of gas present
- 2 Line Backlit Display with Bargraph for easy viewing
- 16" gooseneck for hard to reach areas
- Optional earphone attachment
- Visual & Audible alarm
- Detect combustible gases including natural gas methane, propane (LPG), gasoline, diesel, kerosene, etc....

Pocket Gas Sniffer

725a
£45
exc. VAT

- 40 ppm Sensitivity
- Detect gases including natural gas, methane, propane (LPG), gasoline, diesel etc....
- 4 Visual & Audible Alarm Levels

Gas Leak Sniffer

719
£80
exc. VAT

- 30 ppm Sensitivity
- 16" gooseneck for hard to reach areas
- Adjustable tic rate with Side Wheel, for pinpointing gas
- Visual & Audible alarm
- Optional earphone attachment

Gas Leak Sniffer

720b
£105
exc. VAT

- 10 ppm Sensitivity
- 16" gooseneck for hard to reach areas
- Adjustable tic rate with Front Thumbwheel, for pinpointing gas
- Visual & Audible alarm
- Optional earphone attachment

Bluetooth™
Digital Manometer
SP620
£80
exc. VAT

- Works with TPI View to perform, save, e-mail & print UK Let-By/Tightness & Working Pressure Tests
- Magnetic backcase
- +/- 150 mBar range
- 0.01 mBar resolution

Dual Input Differential Digital Manometer

621
£150
exc. VAT

- Perform UK Let-By Tightness & Working Pressure Tests
- +/- 300 mBar range
- 0.01 mBar resolution
- Protective Rubber Boot with Tilt Stand for Hands Free Use
- One Touch Zero
- Smoothing function for fluctuating readings
- Backlight for dark areas
- 7 Units of measure (mbar, kPa, PSI, mmHg, inHg, mmH2O, inH2O)

Bluetooth™
Digital Manometer
608BT
£105
exc. VAT

- Works with TPI View to perform, save, e-mail & print UK Let-By/Tightness & Working Pressure Tests
- Magnets & Hanging Hook
- +/- 150 mBar range
- 0.01 mBar resolution
- One Touch Zero

Digital Manometer
608
£85
exc. VAT

- Perform UK Let-By Tightness & Working Pressure Tests
- Magnets & Hanging Hook for Hands Free Use
- +/- 150 mBar range
- 0.01 mBar resolution
- One Touch Zero

High Resolution Manometer
623
£195
exc. VAT

- 0.001 mBar resolution up to +/- 9.999 mBar
- ±100 mBar range
- Check for positive building pressure
- Perform room to room pressure diagnostics
- Test duct pressure & static pressure checks

High Pressure 100 PSI (7 Bar) Dual Input Differential Data Logging Digital Manometer inc. Liquid Option

- 1/4" NPT fittings for high pressure
- Data logging: Record up to 16 sets of readings, each with time stamp
- PC Communication: Display saved readings with optional (A665) software & docking station (supplied as Standard in Kit options)
- Range: ± 100 PSI (7 Bar)
- 0.01 (0.001 Bar) resolution
- Accuracy: 0.2% of Full Scale
- Seven units of measure (inH20, Bar, KPa, PSI, mmHg, mmH20, inHg)
- Supplied in protective boot (A614) c/w magnets for hands free use.
- Display: 5 digit, Dual Line with Backlight
- Auto Power Off after 20 minutes (can/will be disabled for data logging applications)
- Use the 665L for non-corrosive water/liquid applications.
- Print test results directly using the optional IR Printer (A740)

A665
£50
exc. VAT

665
£210
exc. VAT

665-Kit
£240
exc. VAT

665L
£310
exc. VAT

665L-Kit
£340
exc. VAT

635: 5 PSI
£195
exc. VAT

645: 30 PSI
£195
exc. VAT

645NPT: 30 PSI
£195
exc. VAT

- Rugged Extruded Aluminum Housing
- Measure positive, negative and differential pressure.
- Push button zero
- Seven selectable units of measure to choose from: mmHg, inHg, kPa, mBar, PSI, inH2O, and mmH2O.
- Trim or Smooth functions help stabilize readings by giving average.
- Backlight with auto shut off after 10 seconds.
- Auto power off after 30 minutes (except REC mode) saves battery life.
- Record function stores maximum and minimum readings.
- Data hold to freeze reading on LCD
- 645NPT version supplied with NPT fitting for high pressure

SP620725L Kit

£135

exc. VAT

Smart Tightness Test Kit

Comes complete with: -

- SP620 **Bluetooth**™ enabled Manometer
- 725L Pocket Combustible Gas Leak Detector w/ Flexi-neck
- A900 CarryCase

Use the SP620 to perform and save the UK Let By/Tightness Test then the 725L to pinpoint any leaks, if necessary

725L608 Kit

£125

exc. VAT

719608 Kit

£160

exc. VAT

Ultra Low Cost Tightness Test Kit

TWO great products combined in an **A900** protective carry-case with the **608** manometer designed to perform the Tightness Test and the **725L** Combustible Gas Detector, ideal for pinpointing any leaks, if necessary.

Low Cost Tightness Test Kit

TWO great products combined in an **A901CP** protective carry-case with the **608** manometer designed to perform the Tightness Test and the **719** Combustible Gas Detector, ideal for pinpointing any leaks, if necessary.

306C
£11
exc. VAT

Water Resistant

Penetration Tip: Immersion into Liquids & Semi-Solids

312C
£14.50
exc. VAT

Waterproof

Penetration Tip: Immersion into Liquids & Semi-Solids

310C
£13
exc. VAT

Penetration Tip: Immersion into Liquids & Semi-Solids
Swivel Head for easier viewing at hard to reach angles

315C
£16
exc. VAT

Waterproof

Penetration Tip & Magnets on Back

All "C" version digital thermometers can be auto field calibrated in 0° C ice water to ± 1° C

317C
£16
exc. VAT

Water Resistant

Air Tip

318C
£16
exc. VAT

Waterproof

Chisel Tip

319C
£16
exc. VAT

Water Resistant

Contact Tip

Close Range IR Non-Contact

368
£22
exc. VAT

- IR Temperature Range: -22 to 120°C
- Continuously scan surface temperatures in real time
- Min/Max Function
- Fits easily into your pocket

Contact & IR Non-Contact

381a
£65
exc. VAT

- InfraRed Range: -20 to 300°C
- Contact Range: -100 to 1200°C
- Ideal for under-floor heating or cold spots on radiators
- 9:1 Distance to Spot Ratio

Plug in any "K" type probe

Contact & IR Non-Contact c/w Circle Laser Sighting

381b
£75
exc. VAT

Plug in any "K" type probe

- Circle laser sighting; The circle laser approximates the measurement area.
- Repeatable, 0.1° resolution readings ensure tests are consistently correct
- Ideal for under-floor heating or cold spots on radiators
- 9:1 Distance to Spot Ratio
- InfraRed Range: -20 to 300°C
- Contact Range: -100 to 1200°C
- °C and °F selectable

Contact & IR Non-Contact

383a
£80
exc. VAT

- InfraRed Range: -35 to 537°C
- Contact Range: -100 to 1200°C
- WIDER IR Range for applications outside the range of the 381a
- 9:1 Distance to Spot Ratio

Plug in any "K" type probe

HIGH Range IR & Contact

384a
£95
exc. VAT

- InfraRed Range: -20 to 1000°C
- Contact Range: -100 to 1200°C
- HIGHER IR Range for applications higher than the range of the 381a
- 9:1 Distance to Spot Ratio

Plug in any "K" type probe

343

£65
exc. VAT

Dual Input Differential Digital Thermometer Temperature Tester

- Measure from -50 to 1,350°C depending upon the probe connected (see below for sample probes)
- Displays T1/T2/differential - Scroll through to see all 3 readings inc. calculated differential
- Auto Field Calibrate in less than 10 seconds in ice water to achieve +/- 1°C system (tester & probe) accuracy within 0°C to 50°C temperature range
- Min/Max Record Function
- Data Hold for areas where it is hard to read the display
- User Selectable between °C/F at the push of a button

Surface Probe 4" Stem

Ideal for measuring radiators, flooring or any flat surfaces etc..... between -50°C & 250°C

CK11M
£29.50
exc. VAT

Surface Heavy Duty 4" Stem

Ideal for measuring radiators, flooring or any flat surfaces etc..... between -50°C & 650°C

CK13M
£32
exc. VAT

Surface Heavy Duty 4" Stem

Ideal for surfaces between -40°C & 510°C but with a longer stem for harder to reach areas.

CK16M
£30
exc. VAT

Immersion Probe 4" Stem

Ideal for measuring running water, standing water etc..... between -50°C & 250°C

FK11M
£25
exc. VAT

Immersion Heavy Duty 8" Stem

Ideal for measuring between -40°C & 850°C but with a longer stem for harder to reach areas.

FK14M
£25
exc. VAT

Immersion Tapered Tip 11.8" Stem

Ideal for measuring between -50°C & 250°C but with an even longer stem for harder to reach areas.

FK12M
£30
exc. VAT

Air Probe 48" Wire Lead

Ideal for measuring air temperatures between -40°C & 510°C with exposed sensor for rapid response

GK11M
£7
exc. VAT

Air Probe 4" Stem

Ideal for measuring air temperatures between -50°C & 250°C with exposed sensor for rapid response

GK14M
£25
exc. VAT

Air Probe 8" Caged Stem

Ideal for measuring air temperatures between -40°C & 308°C with longer stem.

GK17M
£30
exc. VAT

TPi View

SP341LK

£105
exc. VAT

SMART Legionnaires Temp Kit
Comes complete with: -

- SP341 Bluetooth™ enabled Thermometer
- FK13M Immersion Probe
- CK15M Surface Probe
- GK41M Air Probe
- A926 Zipper Case

Use the FK13M for measuring Water Temperatures and the CK15M for Surfaces. Create Reports, then e-mail, ALL and ANY Test Results from the JOB Management using the FREE TPI View app

343 Kit 3

£120
exc. VAT

Legionnaires Temperature Kit
Comes complete with: -

- 343 Dual Input Digital Thermometer
- FK11M Immersion Probe
- CK11M Surface Probe
- GK11M Air Probe (x2)
- A901 Soft Carry Case

Use the FK11M for measuring Water Temperatures, the CK11M for Surfaces and the GK11M for Air. The 343 also calculates differential temperatures when using 2 probes simultaneously

What is Legionnaires' Disease?

Legionnaires' Disease is a potentially fatal form of pneumonia which can affect anybody, but which principally affects those who are susceptible because of age, illness, immunosuppression, smoking etc.

It is caused by the bacterium Legionella pneumophila and related bacteria that can be found naturally in environmental water sources such as rivers, lakes and reservoirs, usually in low numbers. As they are commonly found in environmental sources they may also be found in purpose built water systems such as cooling towers, evaporative condensers and whirlpool spas.

For further information check out the HSE link below:-
http://www.hse.gov.uk/legionnaires/whatis.htm

343 Kit 3 PLUS
£135
exc. VAT

Legionnaires Temperature PLUS Kit

Comes complete with: -

- 343 Dual Input Digital Thermometer
- FK11M Immersion Probe
- CK11M Surface Probe
- GK11M Air Probe (x2)
- CK21M Pipe Clamp
- A901 Soft Carry Case

Use the FK11M for measuring Water Temperatures, the CK11M for Surfaces, the GK11M for Air Temperatures and the CK21M for Pipe Temperatures. The 343 also calculates differential temperatures when using 2 probes simultaneously

343 Kit 1
£105
exc. VAT

Flow & Return Temperature Kit

Comes complete with: -

- 343 Dual Input Digital Thermometer
- 2 x CK21M Pipe Clamp Probes
- 2 x GK11M Air Probe
- A901 Soft Carry Case

Use the 2 x CK21M Clamps for measuring Pipe Temperatures on a Flow & Return System and the 343 will calculate the differential temperatures

343 Kit 2
£165
exc. VAT

Heavy Duty Flow & Return Temperature Kit

Comes complete with: -

- 343 Dual Input Digital Thermometer
- 2 x CK21M Pipe Clamp Probes
- 1 x FK12M Immersion Probe - 11 inch
- 2 x CK13M Heavy Duty Surface Probe
- 2 x GK11M Air Probe
- A905 Soft Carry Case

Use the 2 x CK21M Clamps for measuring Pipe Temperatures on a Flow & Return System and the FK12M for Water with the CK13M for surfaces & GK11M for Air.

Digital Vacuum Gauge

605

£95

exc. VAT

- 12,000 to 15 micron measurement range with 300 PSI over pressure. A safer instrument for your job.
- Seven units of measure: Microns, PSI, InHg, mBar, Pascals, Torr, mTorr.
- Quick and simple operation
- Large, easy-to-read LCD
- The 605 vacuum gauge measures vacuum in Microns for accurate evacuation of refrigeration systems. Please follow manufacturers recommendations on all HVAC equipment.

Smart Digital Vacuum Gauge

605BT

£115

exc. VAT

- 12,000 to 15 micron measurement range with 300 PSI over pressure. A safer instrument for your job.
- Seven units of measure: Microns, PSI, InHg, mBar, Pascals, Torr, mTorr.
- Quick and simple operation
- Large, easy-to-read LCD
- The 605 vacuum gauge measures vacuum in Microns for accurate evacuation of refrigeration systems. Please follow manufacturers recommendations on all HVAC equipment.
- Works with FREE, subscription FREE, TPI View to perform, save, e-mail & print, test reports

The FREE App.

Download on the App Store

GET IT ON Google Play

753a

£155
exc. VAT

- 0.1 oz/yr Sensitivity to meet

F-Gas Regulations

- Detect all existing refrigerants & blends including 404A, PURON and R-507 (AZ50) & HFO1234YF
- One Hand Operation
- Easy to use Push Button Tick Adjust
- Hi - Lo Sensitivity Settings
- Visual & Audible alarm
- Faster Response with Pump to detect newer heavier blends quickly
- 400 Hrs individual sensor life
- Pinpoint small leaks easily
- Spare sensor supplied

750a

£105
exc. VAT

- 0.2 oz/yr Sensitivity
- Detect all existing refrigerants & blends including 404A, PURON and R-507 (AZ50) & HFO1234YF
- One Hand Thumbwheel Operation
- Easy to use Thumbwheel Tick Adjust to pinpoint small leaks
- Hi - Lo Sensitivity Settings
- Visual & Audible alarm
- Earphone socket for noisy environments
- 400 Hrs individual sensor life
- Spare sensor supplied

AC Volt Stick Low Voltage

40

£19 exc. VAT

- Range: 24 to 90 VAC
- Sensor glows red in the presence of AC voltage
- Determine the presence or absence of AC voltage without disconnecting the system in question.
- Lifetime Warranty

AC Volt Stick Volt Alert

50

£19 exc. VAT

- Range: 50 to 1,000 VAC
- Audible & Visual Alarm
- Determine the presence or absence of AC voltage without disconnecting the system in question.
- Prevent Electrical Shocks

100

£42 exc. VAT

EZ 100 Palmsize ONE Button On/Off Operation Digital Multimeter

- Automatically switches between AC Volts, DC Volts, and ohms (resistance) & tells you what you have. **Benefit:** Simple to use. Meter selects function and range, just connect the leads to the device under test.
- Single button operation with NO dial for you to understand. Just switch it on and away you go. **Benefit:** Easy to use. Enables users with limited knowledge to perform tests safely without fear of blowing up the meter if on the wrong setting.
- Check AC Power, DC Volts on PCBs, Fuses or Continuity (NO buzzer)
- Measure 0 - 600 Volts AC & DC & up to 40 Meg Ohms resistance

A080 **£9** exc. VAT — Silicone Test Leads

A085 **£10** exc. VAT — Silicone Test Leads w/ Croc Clips

A082 **£10.50** exc. VAT — Silicone Modular Test Leads

A052 **£2.50** exc. VAT — Adaptors to convert A080 or A085 into Modular Leads & Use A057

A066 **£9** exc. VAT — Croc Clips for use with A082 or A052

A037 **£6** exc. VAT — Standard Prods for use with A082 or A052

A057 **£6** exc. VAT — Back Probes for use with A082 or A052

120 £30 exc. VAT — Palmsize c/w Continuity Buzzer

- 0 - 600 Volts AC & DC
- 0 - 2,000 Ohms Resistance
- Audible Continuity Buzzer
- Data Hold
- Protective Rubber Boot Tilt Stand
- Easy to Read LCD
- 3 Year Warranty

122 £37.50 exc. VAT — Palmsize c/w Millivolts Range

- 0 - 600 Volts AC & DC
- 0 - 2,000 Ohms Resistance
- Audible Continuity Buzzer
- Data Hold
- mV range to take plug-in adaptors
- Easy to Read LCD
- 3 Year Warranty

126 £47 exc. VAT — Palmsize c/w 400mA Feature

- Auto-Ranging
- 0 - 750 Volts AC at 1mV
- 0 - 1,000 Volts DC
- 0 - 40 Meg Ohms Resistance
- 0 - 400 mAmps AC/DC
- Diode Test
- Audible Continuity Buzzer
- Min/Max Record & Data Hold

133 £47 exc. VAT — Full Size c/w 10 Amps Range

- 0 - 750 Volts AC at 1mV
- 0 - 1,000 Volts DC
- 0 - 20 Meg Ohms Resistance
- 0 - 10 Amps AC/DC
- mV range to take plug-in adaptors
- Diode Test
- Audible Continuity Buzzer

135 £80 exc. VAT — Full Size c/w Capacitance Feature

- Maximum Input: 20000μF Maximum Resolution: 0.01μF
- Data Hold
- Audible Continuity Buzzer
- Diode Test
- Protective Rubber Boot Tilt Stand
- 3 Year Warranty

153 £65 exc. VAT — Full Size Auto Ranging

- Auto-Ranging
- 0 - 750 Volts AC at 1mV
- 0 - 1,000 Volts DC
- 0 - 40 Meg Ohms Resistance
- 0 - 10 Amps AC/DC
- Diode Test
- Audible Continuity Buzzer
- Min/Max Record & Data Hold

183a £120 exc. VAT — True RMS c/w Triple Display

- Frequency & Capacitance
- Duty Cycle & Low Pass Filter
- Audible Continuity Buzzer
- Temperature & Diode Test
- Separate Fuse & Battery Compartment
- IR serial PC interface
- Auto-Ranging

194 £210 exc. VAT — True RMS High Accuracy

- 0.05% DCV basic accuracy
- 50,000 count display
- Inductance, Frequency and Capacitance
- Data Logging
- Analog bar graph
- Backlit LCD Display
- 3 Year Warranty

AC Amps

265
£60
exc. VAT

- AC Amps up to 400A
- DCmV for thermocouples
- AC/DC volts up to 600V
- Capacitance
- Continuity Buzzer
- Diode Test
- Auto-Ranging DMM
- Slim Jaw
- Data Hold

Low Amp Adaptor

A254
£200
exc. VAT

- Plug into any DMM with mV range to measure current through the Jaw
- AC Amps: 10mA to 40A
- DC Amps: 10mA to 60A
- ±(1.5% +20mA) accuracy
- BNC connector with removable banana plug adapter

AC Amps & Temp.

270
£100
exc. VAT

- AC Amps up to 400A
- DCmV for thermocouples
- AC/DC volts up to 600V
- Capacitance
- Non-Contact Volt Detector
- Temperature up to 600°C
- Auto-Ranging DMM
- Continuity Buzzer
- Diode Test

AC/DC Amp Adaptor

A256
£60
exc. VAT

- Plug into any DMM with mV range to measure current through the Jaw
- 0-400 Amps AC & DC
- 1mV per 1A Output
- ± 1% of reading accuracy
- Dual banana plug
- 1.2 metre lead length

AC & DC Amps

275
£110
exc. VAT

- 400 Amps AC & DC
- Ideal for testing current supplied from Solar PV Panels before and after the invertor.
- Non-Contact Volt Detector
- Temperature up to 600°C
- DCmV for thermocouples
- Auto-Ranging DMM
- True RMS

High Amp Adaptor

A296
£80
exc. VAT

- Plug into any DMM with mV range to measure current through the Jaw
- AC Amps: 0 to 1600A
- DC Amps: 0 to 2000A
- 1mV per 1A Output

Accuracy
- 0-400A = ± 1% of reading
- 0-2000A = ± 1.5% of reading
- Dual banana plug

395 £70 exc. VAT
Handheld Refractometer

- Test propylene glycol, ethylene glycol and battery fluids
- Does not degrade like litmus paper; allows for more accurate readings
- Cushioned eye piece for easy viewing
- Smooth focus adjustment for reliable repeat testing

The 395 Handheld Refractometer is designed to give an accurate reading regarding the freezing point of fluids used in hydronic heating systems.
Place a drop of fluid on the prism, close the plastic lid, and look through the eye piece

390a £110 exc. VAT
Total Dissolved Solid (TDS) and Salt Concentration Meter

- Measure Total Dissolved Solids (TDS), salt and temperature for food, water quality and HVAC maintenance.
- Prevent contamination and corrosion of control valves, heat exchangers, and steam traps
- Prevent low quality wet steam generation in boilers due to foaming caused by high TDS levels
- Reduce water and chemical consumption in boilers and cooling towers
- Test the amount of salt in food, seafood, or processed foods

397 £110 exc. VAT
Pen Style pH Meter

- Boiler water testing for proper pH level to avoid internal material degradation
- Onsite water testing for wells and septic systems; saving lad testing time
- Quickly & easily test aquariums, spas and swimming pools for proper pH levels
- Waterproof design protects the meter
- Wide pH range of 0.10-14.00pH covers most applications
- Replaceable Glass Test Tip Electrode that screws on for ease of use
- Auto-off function turns power off automatically after 10 minutes

510 £105 exc. VAT
Irradiance Solar Meter

The TPI 510 Solar Irradiance Meter displays results in either W/m2 or BTU to determine the optimal angle of inclination for siting of solar panels to achieve maximum efficiency.

- Measure light intensity through windows
- Determine the effectiveness of solar film / window tint
- 0 to 1999 W/m2 (0 to 634 BTU) range
- Min / Max and Data hold functions

TPI is able to offer a very comprehensive level of customer support. From help with product selection through to training, after sales service and instrument calibration we are proud of the service we offer.

Additionally, if you have a quantity requirement, a customisation requirement (including private labelling) or even a complete instrument design please contact us. TPI is somewhat unusual in that the vast majority of our instrumentation design is carried out in the UK by our own R&D team prior to being manufactured in a partner company's high tech factory in South Korea. This ensures that any questions you ask can be answered by the designers themselves.

Remember... with TPI you get a 3 year warranty and a lifetime of support.

2025 HVAC/R Instrument Catalogue

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