

SENSING

# SOLUTIONS

IN PROCESS AND CONTROL

Featuring our latest products in



Temperature



Pressure



Flow



Strain



Data Acquisition

[sales@omega.co.uk](mailto:sales@omega.co.uk)

[www.omega.co.uk](http://www.omega.co.uk)

**Ω OMEGA™**  
SENSING INCREDIBLE THINGS

3 Manufacturing and Calibration Capability

## **Featured Products**

4 Platinum Series Temperature Controllers

5 HHC200 Series Environmental Meters

## **Most Popular Products**

6-9 Temperature

10-11 Pressure

12-13 Strain and Load

14-15 Flow

16-17 Data Acquisition

18-19 Environmental

20 Wireless Devices

21 Heaters

22 **IEC Colour Codes**

## Precision Manufacturing

Our commitment to maintaining a leading edge through state-of-the-art manufacturing keeps OMEGA firmly at the forefront of technology. OMEGA's Development and Engineering Center (ODEC), is home to OMEGA's design and engineering laboratories. All product designs are tested and perfected here prior to release. The testing that takes place here assures that you receive the best products for your applications. Once an OMEGA product design is perfected and tested, stock production takes place at our Manchester manufacturing facility. This site houses OMEGA's advanced OMEGACLAD thermocouple wire production along with a host of other highly specialised and proprietary processes, ensuring all OMEGA products are of the highest quality.

## Custom Engineering

Omega Engineering proudly offers the most sophisticated and extensive Custom Engineering capabilities in the process measurement and control industry. Whether you need a simple modification of a standard product or complete customised system engineering, OMEGA can accommodate your special request.

## Calibration

OMEGA is constantly striving to find new ways to increase the level of service available to our customers. To this end, OMEGA continues to expand the range of calibration services available, offering a broad selection of standards for use in calibrating temperature, infrared humidity, pressure, flow, and force products. By maintaining these standards in-house, we can ensure fast turnaround time on calibrations.

All calibrations are performed by our technicians. Contact OMEGA's Customer Service Department (0161 777 2225) to discuss your specific calibration requirements.

- Temperature, Infrared
- Humidity
- Pressure, Strain, Force
- Flow
- Five Different Calibration Levels
- ISO9001 Corporate Quality
- ISO10012-1, ANSI/NCSL Z540-1-1994
- Global Calibration Services Available
- Loaner Units Available



# OM-DAQXL Series

## Touch Screen 8 and 16 Channel Universal Input Data Loggers

Measures Voltage, Current, Thermocouples, RTDs, Thermistors, Strain Gauge, Frequency and Pulse

- Ethernet and WiFi Models Available
- 7" Touch Screen TFT Display
- Cloud-Ready Through Omega Gateway
- Fast Sampling Rate
- Rechargeable Lithium-Ion Battery



Comes with Protective Casing



[www.omega.co.uk/OM-DAQXL](http://www.omega.co.uk/OM-DAQXL)



# HHC200-Series Handheld Environmental Meters

Temperature, Pressure, Air Flow, Light  
and non-Contact RPM Measurement

- HHC201 Dual Thermocouple Thermometer
- Functions: Hold/Min/Max/Max-Min/AVG/REL
- Differential pressures from 0 to 40 inH2O
- Measures air flow, air temperature, and humidity and computes Dew Point, wet bulb, and Wind Chill values
- Measure illumination in either lux or ft-candles
- Non-contact RPM meter



HHC201 Thermocouple Meter

## 7 Models available



Infrared

Light

RPM



Hygro  
Anemometer

Differential  
Manometer

Absolute  
Pressure

All Models  
Include Slip-Off  
Hard Cover  
Shell.

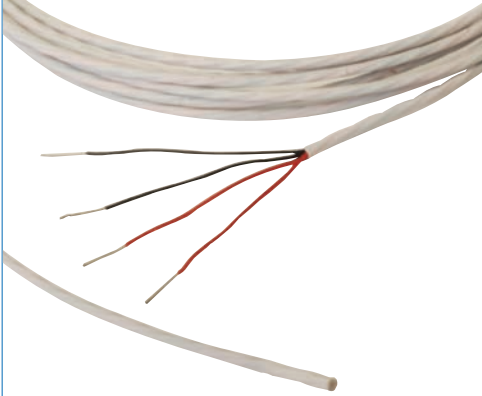


[www.omega.co.uk/HHC200-series](http://www.omega.co.uk/HHC200-series)

# Temperature

## HSRTD

### Hermetically Sealed RTD Sensors



- Hermetically Sealed RTD Sensors, IP68 Seal-Welded Tip
- Dielectric Strength Type Tested to 3kV AC RMS
- Easily Cleaned & Sterilised

[www.omega.co.uk/HSRTD](http://www.omega.co.uk/HSRTD)

## SA2C\_SA2F-RTD

### Water Resistant Pt100 Surface Temperature Sensor

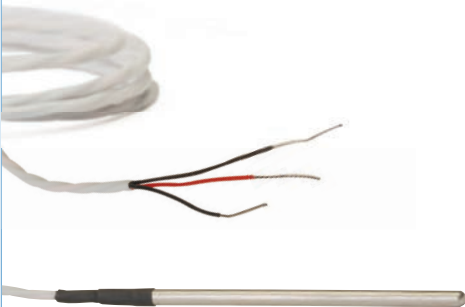


- Moisture Protection to IP67 Standard
- Temperature Range: -30 to 150°C
- Precision 100Ω Class A Platinum Element

[www.omega.co.uk/SA2C-RTD-IP67](http://www.omega.co.uk/SA2C-RTD-IP67)

## PR-10

### PT100 Probes with Heat-Shrink Transition from Sheath to Lead



- PT100 Probes with BS EN60751 Class A Elements
- 3 Wire Configuration
- 150, 300, 450 and 500mm Probe Lengths Standard

[www.omega.co.uk/PR-10](http://www.omega.co.uk/PR-10)

## PR-24

### RTD Temperature Sensors With Micro-DIN Connectors



- IP65 Rated
- 316 Stainless Steel
- Pt100 and Pt1000 Options Available

[www.omega.co.uk/PR-24](http://www.omega.co.uk/PR-24)

# Temperature

## SA1XL Series

### Surface Thermocouple Probe



- Temperature Range: -73C to 260°C
- Stocked in 1, 2, and 3 metre Lengths
- Custom Lead Lengths Available

[www.omega.co.uk/SA1XL](http://www.omega.co.uk/SA1XL)

## KMTSS

### Fine-Diameter Mineral Insulated Thermocouples

- 0.25 to 1.0 mm Fine Diameter
- 150 mm and 300 mm Lengths in Stock
- 1 m PFA-Coated Lead Wires Standard

[www.omega.co.uk/TJMINI\\_025-075MM\\_IEC](http://www.omega.co.uk/TJMINI_025-075MM_IEC)

## TCL Calibrators

### Dry Block Temperature Calibrators with Options for Infrared, Surface and Micro-Bath



- Multi-function Calibrator: Dry Bath, Micro Bath, Infrared Blackbody, and Surface Temperature
- Dry Block Calibrator: TCL-650S-D, Ambient to 650°C
- Micro Bath Calibrator: TCL-M165S-B, -35 to 165°C

[www.omega.co.uk/TCL](http://www.omega.co.uk/TCL)

## DP20

### 1/8 DIN Universal Panel Meter



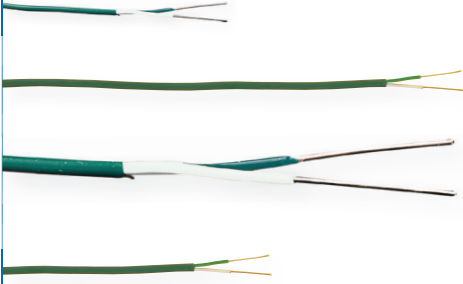
- Automatic, Power Saving Eco Mode
- Configure a Fixed Number of Counts
- 5 Levels of Brightness Intensity

[www.omega.co.uk/DP20](http://www.omega.co.uk/DP20)

# Temperature

## XC\_K\_TC\_WIRE

### K Type Thermocouple Cable

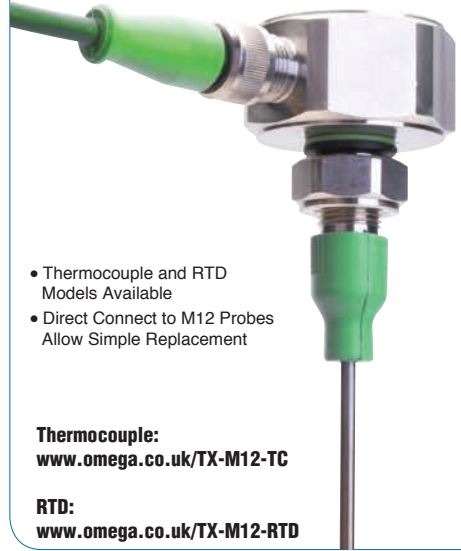


- Ideal For Making Thermocouples
- In Stock - Available for Immediate Shipment
- Choice of Insulation, Wire Diameter & Length

[www.omega.co.uk/XC\\_K\\_TC\\_WIRE](http://www.omega.co.uk/XC_K_TC_WIRE)

## TX-M12

### Rugged, IP67 Temperature Transmitters



- Thermocouple and RTD Models Available
- Direct Connect to M12 Probes Allow Simple Replacement

**Thermocouple:**  
[www.omega.co.uk/TX-M12-TC](http://www.omega.co.uk/TX-M12-TC)

**RTD:**  
[www.omega.co.uk/TX-M12-RTD](http://www.omega.co.uk/TX-M12-RTD)

## CNPT Series

### PLATINUM Series Temperature Controllers



- World's Most Powerful PID Controller
- 99 Ramp & Soak Profiles of Up to 16 Steps
- Remote Setpoint

[www.omega.co.uk/CNPT\\_Series](http://www.omega.co.uk/CNPT_Series)

## HH804

### High Accuracy RTD Pt100 Input Thermometers



- USB or Wireless Data Transmission Options
- 100 Ohm Platinum RTD Input
- High 0.05% Reading Accuracy

[www.omega.co.uk/HH804\\_805](http://www.omega.co.uk/HH804_805)



# Temperature

## OS768-LS

### Dual Laser Infrared Thermometer



- Wide Measurement Range: Infrared Up to 1800°C
- Dual Laser Points for the Target Spot Size
- Hi/Lo Temperature Audible Alarm

[www.omega.co.uk/OS768-LS](http://www.omega.co.uk/OS768-LS)

## OSXL-TG165

### Infrared Temperature Camera



- Dual Laser Sighting
- Removable Micro SD Card
- Mini USB Port for Downloading Images

[www.omega.co.uk/OSXL-TG165](http://www.omega.co.uk/OSXL-TG165)

## OS-MINIHUB

### Miniature Infrared Temperature Monitoring System RS485/Modbus

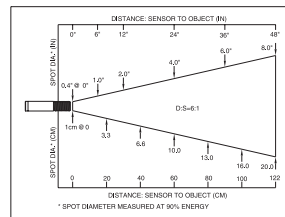


- Touch Screen Display Optional for Configuration, Display, Alarms and Data Logging
- Analogue and Alarm Relay Outputs

[www.omega.co.uk/OS-MINIHUB](http://www.omega.co.uk/OS-MINIHUB)

## OS136 Series

### Miniature Non-Contact Infrared Temperature Sensor & Transmitter



- Temperature Range: -73C to 260°C
- Stocked in 1, 2, and 3 metre Lengths
- Custom Lead Lengths Available

[www.omega.co.uk/OS136](http://www.omega.co.uk/OS136)



# Pressure

## PX274

### Differential Pressure Transmitter



- Ranges from 0.25 ( $\pm 0.125$ ) to 75 ( $\pm 37.5$ ) mbar
- Rugged IP65 Enclosure
- 6 Field Selectable Ranges

[www.omega.co.uk/PX274](http://www.omega.co.uk/PX274)

## PXM309 VAC

### Vacuum & Compound Pressure Transmitters



- Vacuum and Compound Gauge
- High Static Accuracy,  $\pm 0.25\%$  FS BSL
- $-40$  to  $+85^\circ\text{C}$  Operating Temperature

[www.omega.co.uk/PXM309-VAC](http://www.omega.co.uk/PXM309-VAC)

## HHP360

### Digital Barometer and Precision Absolute Manometer



- Very High 0.015% Accuracy
- Absolute & Barometric Pressure
- Altitude in Metres or Feet

[www.omega.co.uk/HHP360](http://www.omega.co.uk/HHP360)

## PX509HL

### Wet/Wet Differential Pressure Transducer



- High 0.08% Accuracy
- Low Differential Pressure
- Bidirectional or Unidirectional Outputs

[www.omega.co.uk/PX509HL](http://www.omega.co.uk/PX509HL)

# Pressure

## PXM309

### General Purpose Pressure Sensor



- 0 to 10 Vdc & 4 to 20 mA Outputs
- Micro DIN, M12, or Cable Outputs
- All Ranges In Stock

[www.omega.co.uk/PXM309](http://www.omega.co.uk/PXM309)

## DPG8001

### Digital Pressure Gauge



- 0.25% Full Scale Terminal Point Accuracy
- 5 Digit LCD Display with Large 12 mm Digits
- 20 Segment Bar Graph Display

[www.omega.co.uk/DPG8001](http://www.omega.co.uk/DPG8001)

## PXM4200-i

### High Temperature Transducer with Optional Display



- High Operating Temperature up to 125 °C
- Pressure Ranges from 1 bar Vacuum to 0 to 1500 bar
- PM1000 Digital Display Available

[www.omega.co.uk/PXM4200-I](http://www.omega.co.uk/PXM4200-I)

## PXM409-USBH

### USB Output Pressure Transducer



- Up to 1000 Readings/Second
- Models for Gauge, Absolute, Vacuum, Compound ( $\pm$ ), Differential and Barometric Pressures
- Free Software for Real-Time Display & Logging

[www.omega.co.uk/PXM409-USBH](http://www.omega.co.uk/PXM409-USBH)

# Strain

## LCMWD

### Load Washers for Compression Measurement

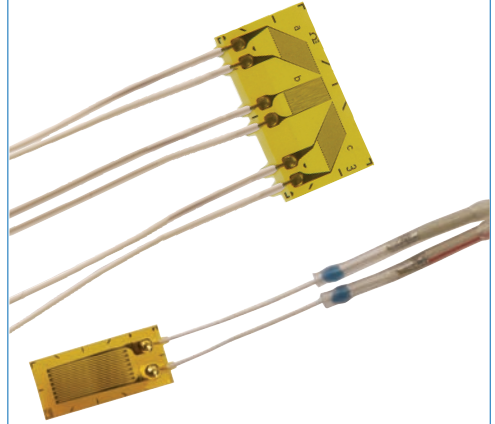


- 0-1kN to 0-200 kN
- Compact Design
- Spherical Washers Included

[www.omega.co.uk/LCMWD](http://www.omega.co.uk/LCMWD)

## KFH

### Pre-Wired Strain Gauges



- 2 or 3 Wire Termination
- No Soldering at the Measuring Point
- Linear Gauges, 0.3 mm to 20 mm Grids

[www.omega.co.uk/KFH](http://www.omega.co.uk/KFH)

## DP25B\_S

### Process and Strain Meter & Controller



- 4-Digit Three Colour Display
- 1/8 DIN panel mount
- Built-In Excitation

[www.omega.co.uk/DP25B\\_S](http://www.omega.co.uk/DP25B_S)

## TXDIN1600S

### Load Cell and Strain Gauge Amplifier/Transmitter



- Remote Tare Input
- 0-20 mA, 4-20 mA, 0-10 V  $\pm$ 10 V Outputs
- Up to 80 Samples/Sec

[www.omega.co.uk/TXDIN1600S](http://www.omega.co.uk/TXDIN1600S)

## LCMKD

### Miniature Button Style Load Cell



- From 9.6 mm dia and only 3 mm high
- 5-Point Calibration Certificate Included
- All Stainless Steel

[www.omega.co.uk/LCMKD](http://www.omega.co.uk/LCMKD)

## LCM201

### Subminiature Compression & Tension Load Cells

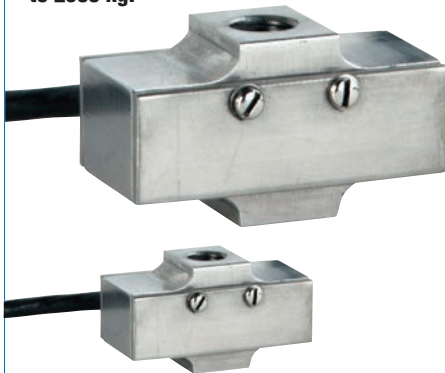


- 19mm diameter,  $\pm 100$  to  $\pm 500$  newton
- Dual M6x1 Mounting Studs
- 5-Point Calibration Provided

[www.omega.co.uk/LCM201](http://www.omega.co.uk/LCM201)

## LCM703

### Universal link load cell, $\pm 5$ kgF to $\pm 500$ kgF



- 5 Point Calibration Certificate Included
- Low Profile
- High Accuracy

[www.omega.co.uk/LCM703](http://www.omega.co.uk/LCM703)

## LCMHD

### Low Profile Tension & Compression Load Cells



- 5-Point Calibration Certificate
- 0.25% Interchangeability for Scale Applications

[www.omega.co.uk/LCMHD](http://www.omega.co.uk/LCMHD)



## FMC-5000

### Coriolis Meter for Liquids, Gases and Slurries



- Accuracy Over a Wide Flow Range From a Single Meter Optimizes Plant Efficiency
- Mass Flow Rate, Volume, Density and Temperature
- Rugged Meters with No Moving Parts

[www.omega.co.uk/FMC-5000](http://www.omega.co.uk/FMC-5000)

## FMG600

### Electromagnetic Flowmeter Designed for Conductive Liquids



- Suitable for Pipes Up to 12"
- Virtually No Pressure Loss
- 4 to 20 mA and Frequency Outputs

[www.omega.co.uk/FMG600](http://www.omega.co.uk/FMG600)

## FDT-40 Series

### Ultrasonic Flowmeter Non-Contact for Clean or Dirty Liquids



- Measures Energy Consumption
- Bi-Directional Flow Measurement
- 4 to 20 mA and Dual Alarm Outputs

[www.omega.co.uk/FDT-40](http://www.omega.co.uk/FDT-40)

## FDT-21

### Handheld Ultrasonic Flowmeter Ideal for Maintenance Tasks



- Ultrasonic Flowmeter with a 1% Accuracy
- Repeatability 0.2%
- Positive, Negative and Net Totaliser

[www.omega.co.uk/FDT21](http://www.omega.co.uk/FDT21)

## FMA-2600

### Mass Flow Controllers with 20 Plus Gas Select Function



- 20+ Gas Calibrations, Including: He, O<sub>2</sub>, Neon, N<sub>2</sub>O, N<sub>2</sub>, Air, Argon, CO, CO<sub>2</sub>, Methane, Ethane, Propane, Butane, Acetylene, Ethylene, H<sub>2</sub>
- Ranges Up to 1500 LPM

[www.omega.co.uk/FMA2600\\_FVL2600](http://www.omega.co.uk/FMA2600_FVL2600)

## FMA5500A

### Gas Mass Flow Controllers Control from 0-10 SCCM up to 100 SLM



- Flowmeter to read and Control Gas Mass Flow without Temperature or Pressure Compensation
- Tilttable LCD Display for Easy Reading
- Aluminum or Corrosion-Resistant 316 SS

[www.omega.co.uk/FMA5400A\\_5500A](http://www.omega.co.uk/FMA5400A_5500A)

## FPD3000

### Positive Displacement Flow sensor for Solvents and Oils



- Temperatures up to 80°C
- Aluminium Body
- Non-Display Version Available

[www.omega.co.uk/FPD3000](http://www.omega.co.uk/FPD3000)

## FL2000

### Variable Area Flow Meters for Water and Air



- Water Ranges from 4 CCM to 75 LPM, Air Ranges from 40 CCM to 4000 LPM
- Threaded Brass Inserts for Quick Installation

[www.omega.co.uk/FL2000](http://www.omega.co.uk/FL2000)

## OMYL-RH20

Temperature and Humidity Data Logger with internal sensors



- Integral Temperature/Humidity Sensors
- Shock Proof, IP65 Housing (Dust and Water Proof)
- Up to 4 Million Readings (Internal Memory Size)

[www.omega.co.uk/OMYL-RH20\\_OMYL-RH20E](http://www.omega.co.uk/OMYL-RH20_OMYL-RH20E)

## INET-600

High Accuracy Direct-to-Sensor USB Data Acquisition System



- Connects Computer to Sensors and Controls via Analogue and Digital Inputs and Digital Outputs Via Windows® Software
  - Supplied with Software for Real-Time Display
- [www.omega.co.uk/INET-600](http://www.omega.co.uk/INET-600)

## OMB-DAQ-3000

High Speed Data Acquisition System



- Voltage Data Acquisition System, 1-MHz, 16-Bit
- Synchronous Analogue Input, Analogue Output, Digital I/O, and Counter/Timer I/O
- USB Interface

[www.omega.co.uk/OMB-DAQ-3000](http://www.omega.co.uk/OMB-DAQ-3000)

## OM-EL-USB-1

Temperature Data Logger with LCD Display



- -35 to 80°C Measurement Range
- USB Interface for Set-Up and Data Download
- User-Programmable Alarm Thresholds

[www.omega.co.uk/OM-EL-USB-1-LCD](http://www.omega.co.uk/OM-EL-USB-1-LCD)

## OM-140-Series

### Temperature Data Logger with LCD Display

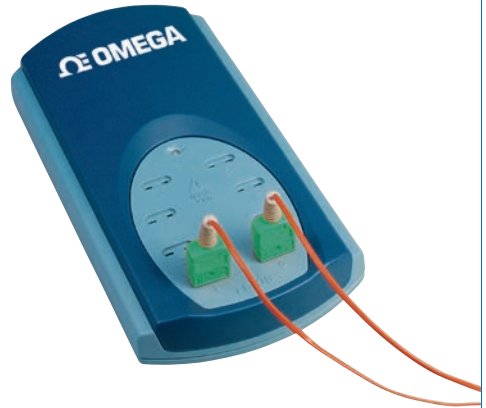


- Temperature and Humidity Readings
- Infrared Version Available
- One-Click Exporting of Logged

[www.omega.co.uk/OM-140-SERIES](http://www.omega.co.uk/OM-140-SERIES)

## TC-08

### 8 Thermocouple Data Acquisition System



- 8-channels Thermocouple Data Acquisition Module to Measure and Record on a PC
- Real-Time Display and Data Logging

[www.omega.co.uk/TC-08](http://www.omega.co.uk/TC-08)

## OM-EL-WIFI\_SERIES

### Temperature and Humidity Wireless Data Logger



- Wireless Data loggers with WiFi Capability and Integrated Display
- Models with Internal Sensors or External Probe Inputs

[www.omega.co.uk/OM-EL-WIFI\\_SERIES](http://www.omega.co.uk/OM-EL-WIFI_SERIES)

## RDXL6SD

### Six Channel Handheld Temperature Data Logger



- Handheld Temperature Data Logger with Colour, Touch Screen
- 4 Type J, K, T, E, R, S or N Thermocouple Inputs and Dual 3-Wire Pt100 RTD Inputs

[www.omega.co.uk/RDXL6SD](http://www.omega.co.uk/RDXL6SD)

## GAB-1700

**Portable Benchtop Oxygen Analyser**  
Fast, accurate and reliable analysis



- Easy to Use
- Simple to Calibrate
- Simple to Calibrate

[www.omega.co.uk/GAB-1700](http://www.omega.co.uk/GAB-1700)

## CDTX-111

**Conductivity and Temperature Monitor and Controller**



- Dual 10 Amp Relays for On/Off Control or Alarms
- Selectable Hysteresis
- 4-20 mA Analogue Retransmission of Measured Conductivity or Temperature

[www.omega.co.uk/CDTX-111\\_CDTX-112](http://www.omega.co.uk/CDTX-111_CDTX-112)

## OM-EL-USB-CO

**Carbon Monoxide Data Loggers with USB Interface**



- 0 to 1000 ppm CO (OM-EL-USB-CO) or 0 to 300 ppm CO (OM-EL-USB-CO300) Measurement Ranges

[www.omega.co.uk/OM-EL-USB-CO](http://www.omega.co.uk/OM-EL-USB-CO)

## HHAQ-107

**Handheld Volatile Organic Compound (VOC) Meter**



- Metal-Oxide Semi-Conductor Sensor Detects Ammonia, Toluene, Ethanol, Hydrogen Sulfide (H2S)
- Logs Up to 32,000 Data Points

[www.omega.co.uk/OM-CP-WIND101A-KIT](http://www.omega.co.uk/OM-CP-WIND101A-KIT)



## OM-DVTH

### Temperature and Humidity Data Logger



- Integral Sensor
- Temperature, Humidity and Dew Point
- USB Connection

[www.omega.co.uk/OM-DVTH](http://www.omega.co.uk/OM-DVTH)

## PHTX-100

### pH/ORP Meter & Transmitter Measure the cleanliness of Water



- Loop-powered 4 to 20 mA Transmitter
- Output Current Indicator for Out-of-Range Conditions
- Wall, Panel, Pipe and DIN-Rail Mounting

[www.omega.co.uk/PHTX-100](http://www.omega.co.uk/PHTX-100)

## PHH-7000 Series

### Conductivity and pH Meters



- Ph and Conductivity Tester for Fast and Accurate Measurement
- Special Viewing Angle

[www.omega.co.uk/PHH-7000](http://www.omega.co.uk/PHH-7000)

## CDCN-961

### Conductivity, Resistance and Total Dissolved Solids (TDS) Controller



- IP65 (NEMA 4X) Enclosure
- High/Low, and Alarm Relays
- Isolated 0.4 to 20 mA Retransmission Output

[www.omega.co.uk/CDCN-961](http://www.omega.co.uk/CDCN-961)

## ZW-ED Series

### Wireless Temperature, Humidity and Barometric Pressure Monitoring



- Web-Based Monitoring
- Low Power Consumption
- Transmit up to 1000 Metres

[www.omega.co.uk/ZW-ED](http://www.omega.co.uk/ZW-ED)

## UWTC Series

### Thermocouple Temperature Monitoring Transmitter

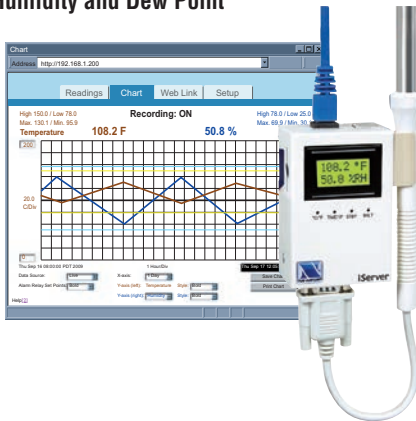


- Includes Software for Data Logging
- Transmits Temperature, Ambient Temperature, Signal Strength and Battery Status in Real Time

[www.omega.co.uk/UWTC](http://www.omega.co.uk/UWTC)

## ITHX-SD

### Record and Monitor Temperature, Relative Humidity and Dew Point



- Send Alerts by Email or Text
- Back-up Battery- Ethernet Failure will not Interrupt Data Logging
- Built-in Backlit LCD Display

[www.omega.co.uk/ITHX-SD](http://www.omega.co.uk/ITHX-SD)

## iSD-TC

### Web-Ethernet Temperature Monitoring Virtual Chart Recorder



- Dual Thermocouple (10 Types)
- Alarms by Email or Text Message
- Record Years of Data onto SD Cards

[www.omega.co.uk/iSD-TC](http://www.omega.co.uk/iSD-TC)

# Heaters

## ARMTIE

### Industrial Immersion Heaters with Thermostat for Water



- 2¼ BSP Brass Fitting
- Incoloy Pocket with 5 to 80°C or 30 to 90°C Thermostat Included
- IP55 Aluminium Terminal Cover

[www.omega.co.uk/ARMTIE\\_HEATER](http://www.omega.co.uk/ARMTIE_HEATER)

## AHPF Series

### Circulation Heaters for Low Flow Air and Liquid



- Air/Gas Flow Up to 425 Litres/Minute
- Air/Gas Outlet Temperatures up to 430°C
- Pressures Up to 6.9 bar

[www.omega.co.uk/AHPF\\_HEATER](http://www.omega.co.uk/AHPF_HEATER)

## NIC60 and NIC80

### Coiled Nickel-Chromium Alloy Resistance Heating Wire



- Pre-Coiled Heater Wire, Ready for Use
- 60% Nickel, 16% Chromium for Applications to 1000°C
- 80% Nickel, 20% Chromium for Applications to 1150°C

[www.omega.co.uk/NIC60\\_NIC80](http://www.omega.co.uk/NIC60_NIC80)

## SSRDIN Series

### DIN Rail Mount Solid State Relays



- Ratings Up to 30 A (22.5 mm), 45 A (45 mm), or 25 A 3-Phase
- Integral Heat Sink Eliminates the Need for Complex Thermal Calculations

[www.omega.co.uk/SSRDIN600](http://www.omega.co.uk/SSRDIN600)

# International Colour Codes

All OMEGA Thermocouple Wire, Probes and Connectors are available with either ANSI or IEC Colour Codes. On our website, model numbers reflect the IEC Colour-Coded Product. Please contact sales or visit [omega.co.uk](http://omega.co.uk) for instructions on how to order ANSI Colour-Coded products.

ANSI Code	ANSI MC 96.1 Colour Coding		Alloy Combination		IEC 584-3 Colour Coding		IEC Code
	Thermocouple Grade	Extension Grade	+ Lead	- Lead	Thermocouple Grade	Intrinsically Safe	
<b>J</b>			IRON Fe (magnetic)	CONSTANTAN COPPER-NICKEL Cu-Ni			<b>J</b>
<b>K</b>			CHROMEGA® NICKEL- CHROMIUM Ni-Cr	ALOMEGA® NICKEL-ALUMINIUM Ni-Al (magnetic)			<b>K</b>
<b>T</b>			COPPER Cu	CONSTANTAN COPPER-NICKEL Cu-Ni			<b>T</b>
<b>E</b>			CHROMEGA® NICKEL- CHROMIUM Ni-Cr	CONSTANTAN COPPER-NICKEL Cu-Ni			<b>E</b>
<b>N</b>			OMEGA-P® NICROSIL Ni-Cr-Si	OMEGA-N® NISIL Ni-Si-Mg			<b>N</b>
<b>R</b>	NONE ESTABLISHED		PLATINUM- 13% RHODIUM Pt-13% Rh	PLATINUM Pt			<b>R</b>
<b>S</b>	NONE ESTABLISHED		PLATINUM- 10% RHODIUM Pt-10% Rh	PLATINUM Pt			<b>S</b>
<b>U</b>	NONE ESTABLISHED		COPPER Cu	COPPER-LOW NICKEL Cu-Ni			<b>U</b>
<b>B</b>	NONE ESTABLISHED		PLATINUM- 30% RHODIUM Pt-30% Rh	PLATINUM- 6% RHODIUM Pt-6% Rh			<b>B</b>
<b>G*</b> <b>(W)</b>	NONE ESTABLISHED		TUNGSTEN W	TUNGSTEN- 26% RHENIUM W-26% Re	NO STANDARD USE ANSI COLOUR CODE		<b>G</b> <b>(W)</b>
<b>C*</b> <b>(W5)</b>	NONE ESTABLISHED		TUNGSTEN- 5% RHENIUM W-5% Re	TUNGSTEN- 26% RHENIUM W-26% Re	NO STANDARD USE ANSI COLOUR CODE		<b>C</b> <b>(W5)</b>
<b>D*</b> <b>(W3)</b>	NONE ESTABLISHED		TUNGSTEN- 3% RHENIUM W-3% Re	TUNGSTEN- 25% RHENIUM W-25% Re	NO STANDARD USE ANSI COLOUR CODE		<b>D</b> <b>(W3)</b>

\* Not official symbol or standard designation

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