

W. H. Cooke & Co., Inc.

Manufacturer of thermocouples & RTD's Made in the USA
Supplier of industrial controls, heaters, and sensors since 1963

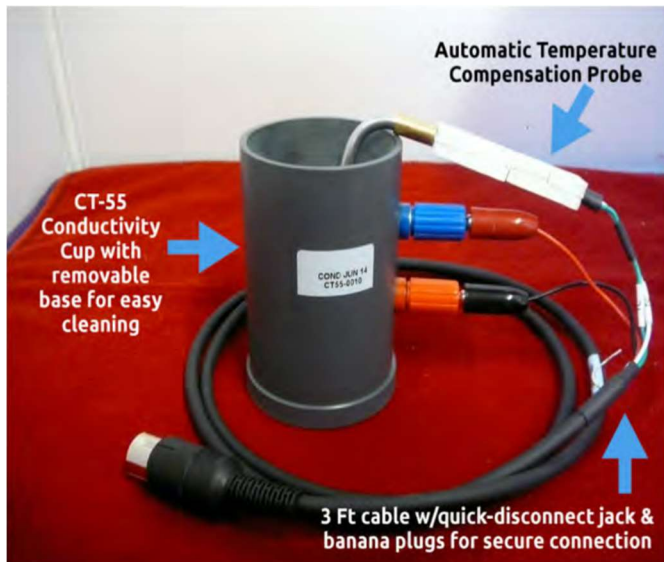
sales@whcooke.com

717-630-2222



Attention E-coat and Electrocoating Customers!

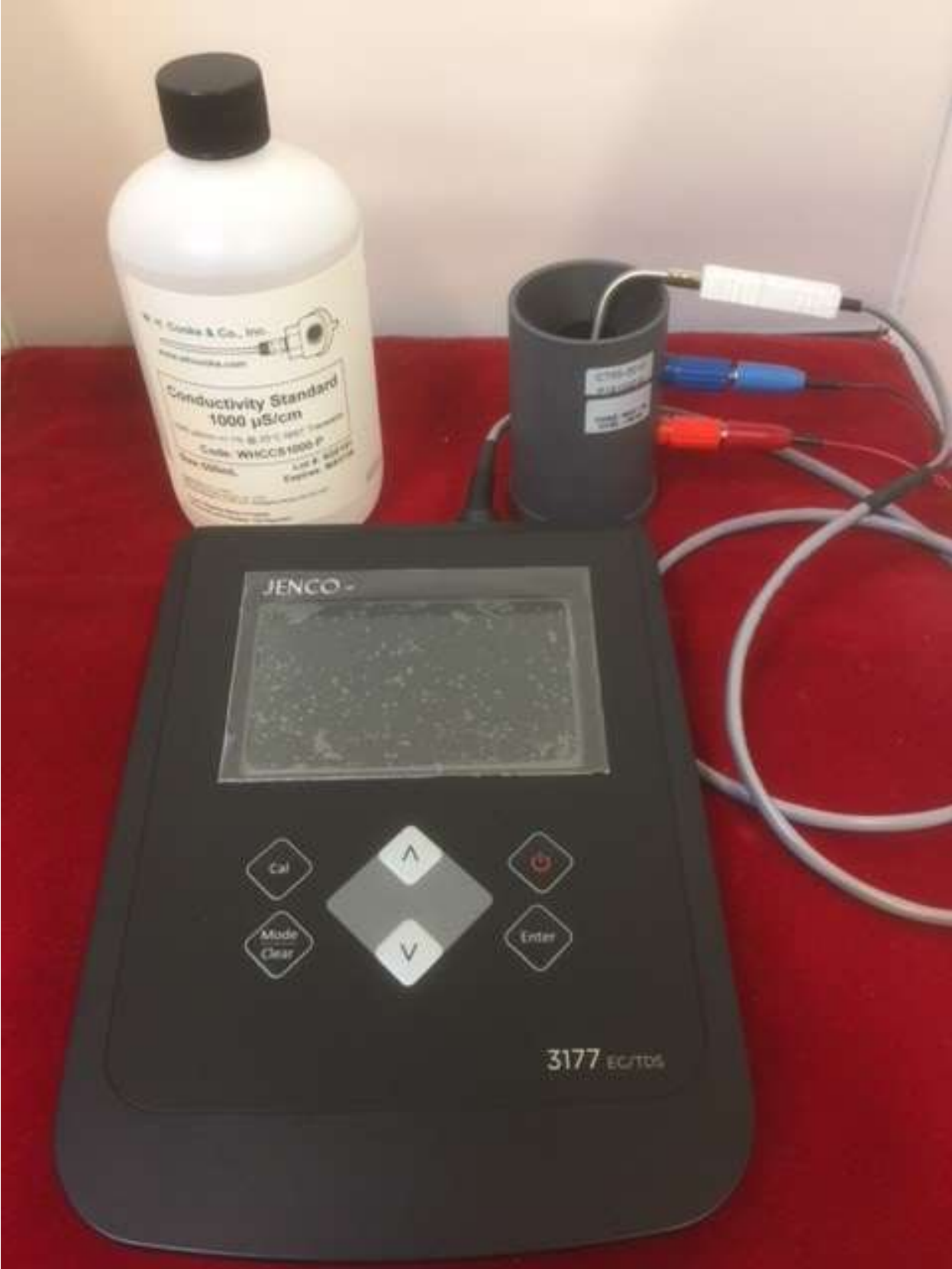
W. H. Cooke & Co., Inc. announces the PPG-CT55-KIT-REV3 featuring the JENCO 3177 benchtop conductivity/CTS/temperature meter, the W. H. Cooke CT-55 Series Conductivity Cup, and W. H. Cooke Conductivity Solution.



The CT-55 Series Conductivity Cup is an excellent choice for customers that need a durable, high range conductivity sensor for difficult applications such as paint, viscous liquids, or other difficult samples.

The CT-55 works in tandem with the benchtop meter, which features an extra large LCD display, adjustable cell constants $K=0.1, 1.0, 10.0$, programmable temperature coefficients, and reference temperatures. Battery or 155/230 AC powered. CE approved.

Call 717-630-2222 or email sales@whcooke.com for pricing!



W. W. Corbett & Co., Inc.
Conductivity Standard
1000 µS/cm
Code: WICCS1000-P
Lot: 2-10-11
Exp. Date:

JENCO

Cal Mode Clear

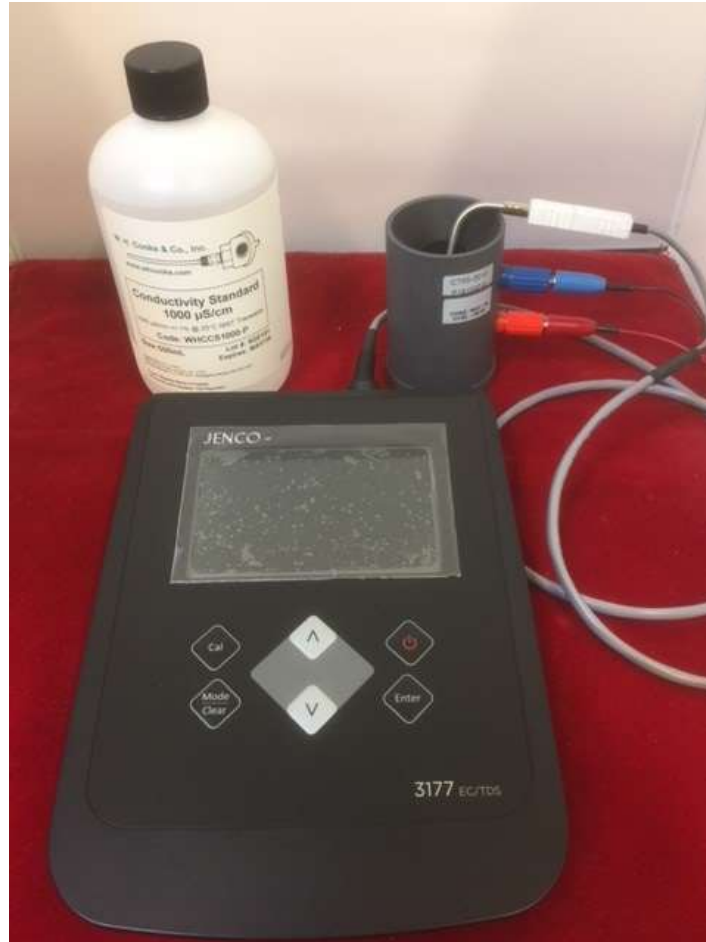
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Enter

3177 EC/TDS

PPG-CT55-KIT-REV3



Description

Jenco EC3177 is a new conductivity meter with temperature readout, backlit LCD display, selectable cell constant and a streamlined look.

This benchtop meter is RoHS compliant.

- Large, high contrast, backlit LCD displays EC/TDS and temperature simultaneously
- Simple one-point calibration
- Calibration data is stored in memory and is ready for use on power up
- Accepts 2-wire conductivity cells with $K=0.01$, $K=0.1$, $K=1.0$ and $K=10.0$ cell constants for improved flexibility and accuracy
- AC adaptor or battery power with low battery indicator

Specifications

	Range	Resolution	Accuracy
Cond. / TDS (K=0.01)	0.000uS/cm ~ 199.9 uS/cm 0.000mg/L ~ 199.9 mg/L	0.001 uS/cm;0.01uS/cm;0.1uS/cm 0.001 mg/L;0.01mg/L;0.1mg/L	±0.5% FS
Cond. / TDS (K=0.1)	0.00uS/cm ~ 1999 uS/cm 0.00mg/L ~ 1999 mg/L	0.01 uS/cm;0.1uS/cm;1uS/cm 0.01 mg/L;0.1mg/L;1mg/L	±0.5% FS
Cond. / TDS (K=1.0)	0.0uS/cm ~ 19.99 mS/cm 0.0mg/L ~ 19.99 g/L	0.1 uS/cm;1uS/cm;0.01mS/cm 0.1 mg/L;1mg/L;0.01g/L	±0.5% FS
Cond. / TDS (K=10)	0uS/cm ~ 199.9 mS/cm 0mg/L ~ 199.9 g/L	1 uS/cm;0.01mS/cm;0.1mS/cm 1 mg/L;0.01g/L;0.1g/L	±0.5% FS
Temperature	0.0 ~ 100.0 °C	0.1 °C	±0.2 °C

Conductivity

- Conductivity reference temp.: 15.0 to 25.0 °C, user selectable at 0.1 °C increment
- Conductivity temp. coefficient: 0.00 to 4.00 %, user selectable at 0.01 % increment
- Basic cell constant: K=0.01, K=0.1, k=1.0 or k=10, user selectable

Other

- Power supply: 6 x AAA batteries or 115/230 V AC adapter
- Calibration backup: Yes
- Audio feedback: All touch keys
- End point sensing & hold: Yes
- Auto ranging: Yes
- Ambient temp. range: 0 to 50 °C
- ATC probe: Thermistor, 10k ohm
- Dimensions (w x d x h): 150 mm x 203 mm x 72 mm
- Weight: 504 grams (excluding batteries)



The CT55 Series Conductivity Cup is an excellent choice for customers that need a durable, high range conductivity sensor for difficult applications such as paint, viscous liquids or other difficult samples.

With its removable bottom plug, the CT55 Conductivity Cup is easier to clean and maintain than a traditional probe. It can be designed with pin type sensors in a 4-wire or 2-wire design. The pins can be carbon, platinum or titanium depending on the application requirements, cost, or durability needs. The connection contacts on the outside of the cup are robust and easy to use.

Hook the CT55 Conductivity Cup to a standard conductivity meter, calibrate and you have an accurate, application-specific conductivity measurement for your difficult samples.

Model..... CT55
Range..... 1 to 2000 mS/cm
Construction
Body..... PVC Body with epoxy internal components
Sensor type..... 4 wire or 2 wire systems
Sensor pins..... Carbon, Platinum, or Titanium Pins
Temperature Range... 0-100°C

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Cleaning recommendations for CT-55 conductivity cup

1. In between each conductivity test, rinse the cup with DI water and wipe dry with a lab tissue.
2. After every 5-10 conductivity measurements, rinse the cup with acetone to remove any paint build up and wipe dry with a lab tissue. Push the lab tissue into the cup cavity and twist the tissue several times to make sure the inside of the cup is free of paint residue and acetone. Rinse cup with DI water and dry with lab tissue.
3. When not being used, the conductivity cup should be filled with DI water and stored carefully.

Note: Two spare O-rings are included with each conductivity cup should you damage it when removing and then reinstalling with cap at the bottom of the cup. Always twist and turn when installing or removing the cap to prevent damage to the O-rings. Additional O-rings (part# 112016) are available from W. H. Cooke & Co.

Never-----

1. Expose the outside of the conductivity cup to the acetone. The acetone may attack the banana plug terminals on the outside of the cup and the PVC body. The inside wall of the cup is epoxy with graphite electrodes and is compatible with acetone.
2. Allow paint to dry in the conductivity cup.
3. Have the paint in the cup any longer than is necessary to obtain the conductivity of your paint.

W. H. Cooke & Co., Inc.
<https://www.whcooke.com>
Email: sales@whcooke.com
Phone: 717-630-2222

PPG-CT55-KIT & Accessories

Cat # PPG-CT55-KIT-REV3 - complete paint conductivity kit consisting of:

- (1) CT-55 conductivity cell with cleaning instruction paper
- (2) 112016 spare O-ring for cell
- (1) Model 3177 benchtop conductivity meter
- (1) cat# 6230D115 AC power adaptor for above meter
- (1) SP-2104 3ft cable with two banana plugs and mini plug on one end, 8-pin DIN plug on opposite end
- (1) SP-2105 10K ohm thermistor temp probe
- (1) WHCCS1000P 500mL bottle of conductivity standard

Spare/replacement parts listed below:

Cat# CT-55 - Custom Conductivity Cell only, PVC Body, EPR/Viton O-ring, 2 Cell Unit, K=1 (for customers needing only cell)

Cat# 112016 replacement O-ring for above conductivity cell

Cat# 3177 benchtop conductivity meter only (120 V power adapter not incl.)

Cat# 6230D115 AC power adapter 120V for Cat# 3177 meter

Cat# SP-2104 3ft cable with two banana plugs and mini plug on one end, 8-pin DIN plug on opposite end for use with paint conductivity meter (does not include thermistor probe)

Cat# SP-2105 10K ohm thermistor w/ mini plug for use w/ model 3177 conductivity meter

Cat# WHCCS1000P - 500mL bottle of 1000 microsiemens/cm conductivity standard - for calibrating customer conductivity meter

YSI compatible parts:

Cat# 3232 cell adapter for connecting YSI meter # 3100-115 to Model CT-55 conductivity cup (Cat# CT55 BP/BP cable below also required)

Cat# CT55 BP/BP cable 1 set Extension cable, 1 ft length, black banana plug x black banana plug to connect CT-55 and YSI cat# 3232 adapter

Cat# 3100-115 YSI conductivity meter 115V

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or email orders to: "sales@whcooke.com"
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