Signet Conductivity/Resistivity Tools

2830 2850-101-X

Features

- **Simulates five different values**
- **Compatible with all Signet Conductivity/ Resistivity instruments**
- **Verifies electronics independent of electrode**
- **NIST traceable units**
- **Temperature compensated to 25 °C**
- **All units ship with NIST traceable certificates**

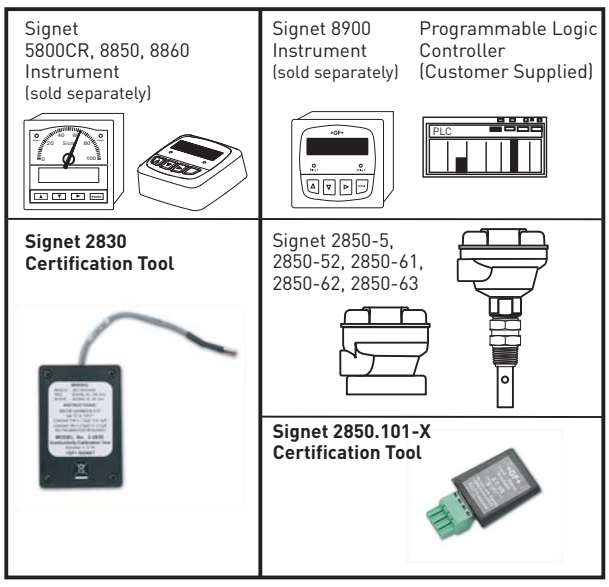
Description

The Signet conductivity/resistivity tools are available for certification or validation of electronics that are independent of the electrode. Because there are no available liquid standards for calibration in low conductivity and resistivity applications, these tools are ideal for various installations. All tools are built to conform to the ASTM D 1125-95 Standard (Standard Test Methods for Electrical Conductivity and Resistivity of Water), which is also commonly used for USP 24 applications.

Signet tools simulate, within ±0.1% precision (accuracy), various values: 1.0 µS, 2.5 µS, 10.0 µS, 10.0 MΩ, 18.2 MΩ. These tools also temperature compensated to 25 °C and enable the user to accurately validate or certify the electronics.

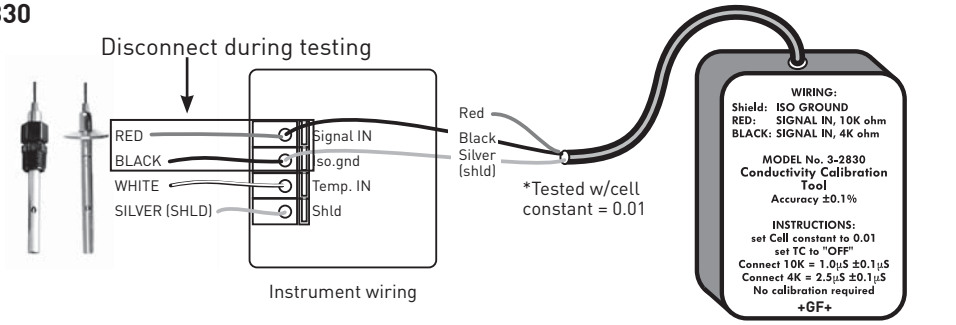
Model 2830 can be used with Signet Models 5800CR, 8850, and 8860 instruments. The 2850-101-X simulators are used with the Model 2850 electronics and simply plugs into the same terminals as the sensor cables.

System Overview



Wiring

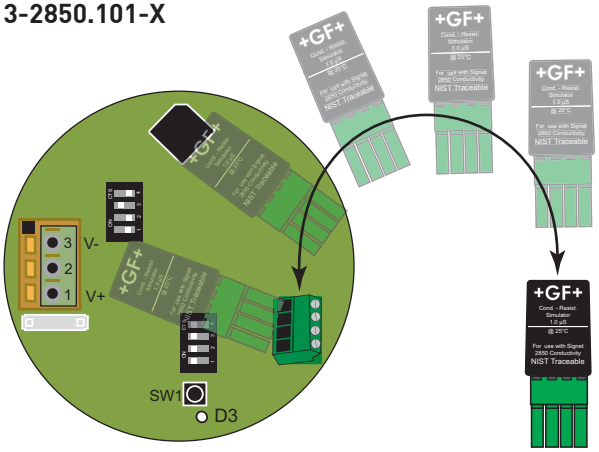
2830



Instrument wiring

2830 Conductivity Certification Tool

3-2850.101-X



Ordering Information

Mfr. Part No.	Code	Description
3-2830	**159 000 628**	Conductivity Certification Tool, for Signet Models 5800CR, 8850, 8860
3-2850.101-1	**159 001 392**	Plug-in NIST traceable tool, 1.0 µS simulated for Signet Models 2850-5X, 2850-6X
3-2850.101-2	**159 001 393**	Plug-in NIST traceable tool, 2.5 µS simulated for Signet Models 2850-5X, 2850-6X
3-2850.101-3	**159 001 394**	Plug-in NIST traceable tool, 10.0 µS simulated for Signet Models 2850-5X, 2850-6X
3-2850.101-4	**159 001 395**	Plug-in NIST traceable tool, 18.2 MΩ simulated for Signet Models 2850-5X, 2850-6X
3-2850.101-5	**159 001 396**	Plug-in NIST traceable tool, 10.0 MΩ simulated for Signet Models 2850-5X, 2850-6X

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