

Stratos Multi Transmitter



Multi-Parameter Transmitter for pH, ORP, Conductivity & Oxygen

The Stratos Multi is the newest addition to the Knick transmitter product family. It takes the best features of the Stratos series and combines them with the powerful user interface and functionality of the Portavo portable meters. It can be used when measuring pH, ORP, conductivity (conductive or inductive), and oxygen. Memosens® digital sensors along with analog or other digital sensors can be connected at the same time and in any combination. Along with the standard 4...20 mA,

HART, and relay outputs, Stratos Multi is also available with EtherNet /IP or PROFINET outputs.

The convenient and simple operation of the Stratos Multi guides users through all menus and provides diagnostics and troubleshooting tips on an intuitive high resolution color graphic display.

QUICK SPECS

Temperature: -4 ... 131 °F (-20 ... 55 °C)

Power Supply: 4-wire, 24...230 V AC/DC

Inputs: Up to two (2) channels

Housing: Molded enclosure made of PBT, PC, glass-reinforced

Ingress Protection: IP 67 / NEMA 4X outdoor

Analog Outputs: Up to 4 (4...20 mA), HART

Relay Outputs: (3) relays configurable for alarm, limit, PID control, or wash

Optional Outputs: EtherNet /IP (Q3 2020), PROFINET (Q3 2020)

Approvals: cFmus Class I, Division 2 Groups A,B,C,D (Q4 2020)
Sensor can be in Class I, Division I environment

FEATURES

- Accepts universal power (24 VDC to 230 VAC)
- Multiparameter: pH/ORP, conductivity, & oxygen in any combination
- Compatible with a variety of sensor types: Memosens digital, ISM/other digital, analog
- Available with up to four (4) configurable analog outputs
- High resolution color graphic display with easy to follow diagrams and icons for quick analysis of measurement loop
- Favorites Menu: 1 button access to your most common functions
- USB memory card for data recording, firmware updates, & audit trail

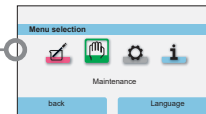
STRATOS MULTI TRANSMITTER ANATOMY



INTUITIVE

Simple Navigation and Configuration

- Favorites Menu available via soft key
- Up to 8 measurement parameters displayed at one time
- Icon-based menu selection



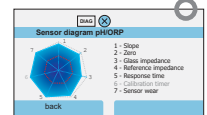
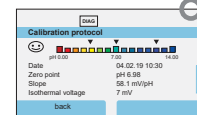
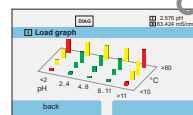
INFORMATIVE

All Sensor Information at a Glance

- Quick indication of the health of the measurement loop with Sensoface and NAMUR NE 107 color change and icons



- Comprehensive sensor health assessment visualization with sensor diagram
- Calibration evaluation
- Sensor load diagram



FLEXIBLE

Additional input card allows a variety of measurement combinations

- Data logging & device configuration storage when using optional USB memory card
- Along with a Memosens pH/ORP, conductivity, or oxygen measurement, the Stratos Multi can be expanded to include a second pH/ORP, conductivity, or oxygen input that can be Memosens, analog, ISM, or digital LDO.

