

## Food On-Line Process - Mettler Toledo



### Mettler Toledo (USA/Switzerland) – InPro 8300 RAMS Turbidity Sensor

- The InPro 8300 RAMS (Reflection Absorption Multi-Switch) systems are designed for in-line use in phase separation and product identification applications by turbidity or color
- For product identification, a “fingerprint” of each product is taken and stored in the InPro 8300 RAMS’ built-in memory. Fingerprinting is done using one or more parameters (e.g. blue transmittance, NIR reflection or green absorption). The InPro 8300 RAMS identifies up to eight different products
- Operating temperature : 0 to 105°C
- Operating pressure : 10 bar
- Connection / Sensore diameter : Varivent / DN 25—DN 150
- Hygienic/Biocompatibility Approvals
- Span : 400 to 2000 RAMS units



### Mettler Toledo (USA/Switzerland) – InPro X1 HLS Food Safe and unbreakable pH Sensor

- The InPro X1 HLS is a digital, food-safe, in-line pH sensor that withstands CIP conditions. It is hygienically designed and made from Food Contact Materials. The sensor's unbreakable X-Chip technology eliminates the risk of glass contamination
- pH and temperature ranges : 0 to 14 and 0°C to 80°C
- Process connection : Pg 13.5 Thread
- Sensor length : 120 mm
- Certificates & Approvals : 3A, ATEX/IECEx: Ex ia IIC T6/T5/T4/T3 Ga/Gb, CE, EC1935/2004, EHEDG, FM: IS Cl. I, II, III, Div 1, GR ABCDEFG/T6, METTLER TOLEDO Quality Certificate, PED



### Mettler Toledo (USA/Switzerland) – 1NPT 0.4C SS HT 1.1 VP Conductivity sensor for boilers

- On-line conductivity sensor for industrial boilers that can measure directly in the blowdown line without sample cooling
- Conductivity range : 10 to 20000
- Cell constant : 0,4 cm<sup>-1</sup>, accuracy +/-1%
- Temperature range / sensor : Up to 200°C / PT 1000
- Pressure resistance : 17 bar @ 200 °C and 35 bar @ 25 °C
- Connection / Connector : VP (IP68), 1 inch NPT / VarioPin
- Electrode material : Stainless steel 316L
- Measurement technology/ Electrode configuration : Conductive/ 2-electrode