Lives International®
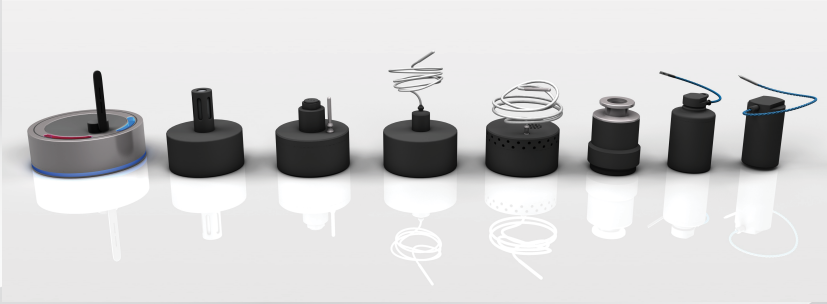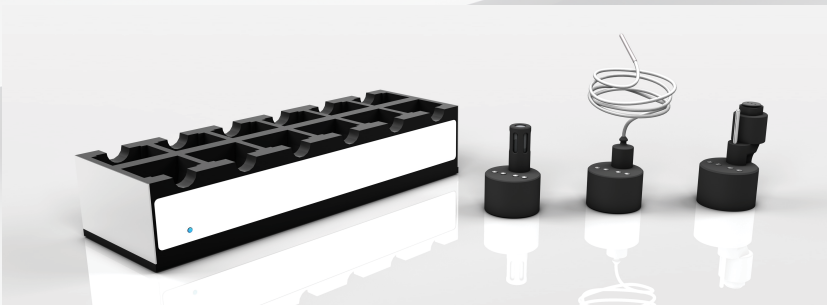## Raising Standards

www.lives-international.com

Validation/Mapping measurement system category list

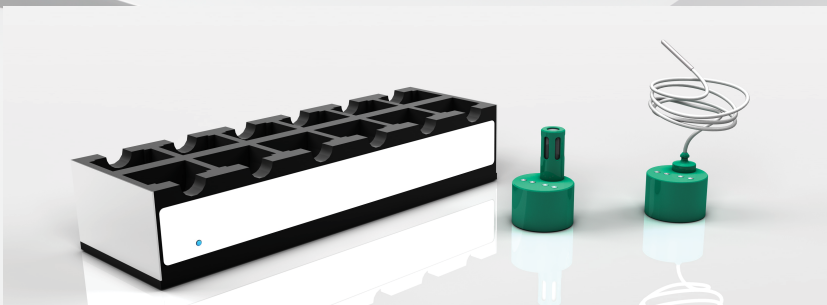## Real-time wireless data logger XpertLog® GMP RF

- Real-time data logger with excellent wireless communication features (up to 121 m) that allows remote setting and display of data during measurement
- Data is transmitted real time from the inside of the Autoclaves and Freeze Dryers to the laptop
- Operating temperature range: -90°C to +140°C
- Parameters: temperature/humidity/pressure/CO_2/Vacuum

Standard wireless data logger XpertLog® GMP

- Standard data loggers dedicated to all Pharma applications between -90°C to +140°C
- Logger body operating temperature range: -90°C to +140°C
- Logger sensor operating temperature range: -200°C to +200°C
- Parameters: temperature/humidity/pressure
- Small, light, easy to use

Standard wireless data logger XpertLog® GDP

- Standard data loggers dedicated to GDP applications
- Temperature measurement range: -40°C to +85°C
- Parameters: temperature/humidity
- Small, light, easy to use

64 Channel Data Acquisition System XpertVal64

- Thermocouple based system dedicated to all applications in Pharma & Biotech
- 64 Channels
- Can read thermocouples, PT100, Pressure, CO_2, 4-20 mA, 0-10V
- Large touch screen 10.1"
- Acquisition interval 1 sec for 64 channels simultaneously
- User friendly interface

Validation/Mapping measurement system category list

Smart Connectors - XSens

- Robust design, click into sockets - prevents accidental sensor disconnection
- Each TC has a Unique ID - individually traceable
- Coefficients stored in each connector
- Compatible with XpertVal64 and XpertMon
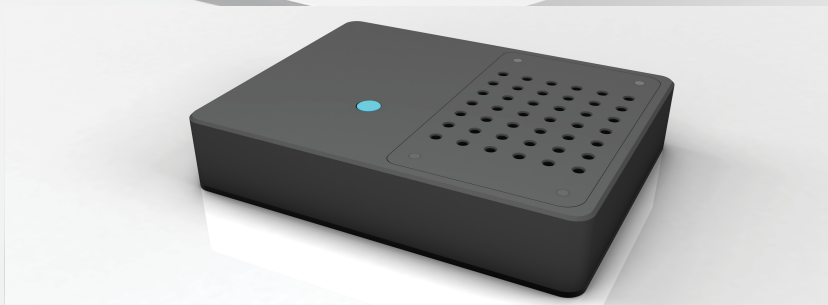
Dedicated Software XpertLog®

- Dedicated validation/mapping software developed specifically for the pharmaceutical and biotech industries
- FDA CFR 21 Part 11 compliant
- XpertLog® Software can control all Lives Systems
- Active directory integrated

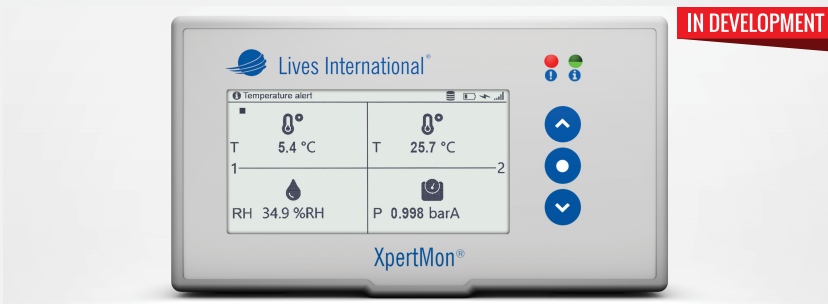## Secondary Reference Probe XpertRTD+

- Display interface between reference thermometer and Lives International System
- Display unit selectable: °C, °F, °K, Ω
- USB / Wireless signal transfer to XpertLog® System
- Can connect a Smart Probe to the display

GPS Tracking Device XperTrack

- Web based control of your cold chain shipments
- Collects and stores temperature, position, light exposure and shocks data in the internal memory
- Alarms are triggered when your products exceed the allowed temperature, light exposure and shocks during shipment

Continuous Monitoring System XpertMon

IN DEVELOPMENT

- Unlimited number of sensors
- Historical data is stored in the cloud / locally
- Alarms sent by message / event to dedicated users
- Automatic report generation on request for the user defined interval
- Secured authentication prevents unauthorized access to the system
- Multiple access levels