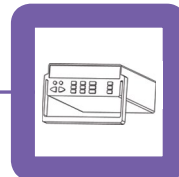
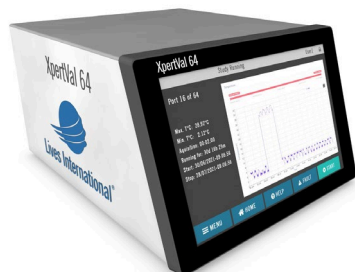


# XpertVal64



## Thermal Validation Equipment



- + 64 channels
- + Most common sensor types: PT 100, Tc's, Humidity, Pressure, CO2
- + Coefficients stored for each sensor
- + Sensors compatible with XpertMon Environmental Monitoring System
- + Cloud/local based data storage

Sensors	Interchangeable sensors Most common sensor types: PT 100, Tc's, Humidity, Pressure, CO2	<u>Order Reference</u> <b>XPERTVAL64</b>
Channels	64 channels Cold junction compensation on each channel (applies to Tc's)	
Measuring range	-200 to +1200°C	
Accuracy	up to +/-0.05°C	
Memory capacity	Internal memory: 16 Gb Backup memory: USB storage device compatible	
Sampling rate	1s to 24h for 64 channels	
Display	Touch screen, 10.1"	
Software	21 CFR Part 11 compliant	
Universal input	4 - 20 mA / 0-10 V	
Communication	1 x USB to PC 2 x USB to equipment 1 x LAN to PC (with power over Ethernet) 2 x LAN to equipment 1 x 2.4 GHz, 802.11b/g/n	
Battery	Internal rechargeable battery Can run on battery for several hours without interruption	
Main power	100V to 240V @ 50/60Hz	
Synchronization	Multiple units can be synchronized to run simultaneously	
Closed loop calibration	Required when using thermocouples for thermal validation System uses temperature block and reference probe, controlled with or without software. Reports generated automatically by the software	
Reference probes	Lives XpertRTD, Fluke 1502A, IQRTD	
Dry blocks	Compatible with blocks from: Ametek, Fluke, Sika, Isotech	
Calibrations	Sensor Calibration: NIST / COFRAC User: closed loop calibration with or without XpertLog® software	
Other	Silent operation (no mechanical relays) Can be used standalone, can be operated from XpertLog® software, can be operated from mobile devices	