**Meteorological systems**

**Hand-held Measuring Device XP101 for reference temperature**

***Description:***

The highly precise temperature probe of the hand-held device XP101 is an ideal reference standard e.g. in calibration laboratories. It´s Mini USB interface includes software and online data collection. Excellent stability through multiple annealing cycles. Sensor characteristic curve is determined individually and is saved in the device. Integrated root 2 function for determination of the sensor self-heating, plus automatic elimination of parasitic thermovoltage. For traceability to national standards a DAkkS calibration certificate is attached.

***Specification:***

 Parameters measured: Temperature

 Measurement technology: PT100 - 4 wire sensing / temperature

 Product highlights: 0.005°C accuracy, high quality wooden case, PT100 ceramic sensor,  
 2m cable, batteries and DAkks calibration certificate are included in delivery

 Interfaces: USB (Cable and SmartGraph3 software included)