

# Data Sheet 502

## Unitest Mini



The system is based on a hand held instrument for reading temperature values in a number of permanent installed sensor cables. One or more cables are connected to a socket installed in a place with easy access.

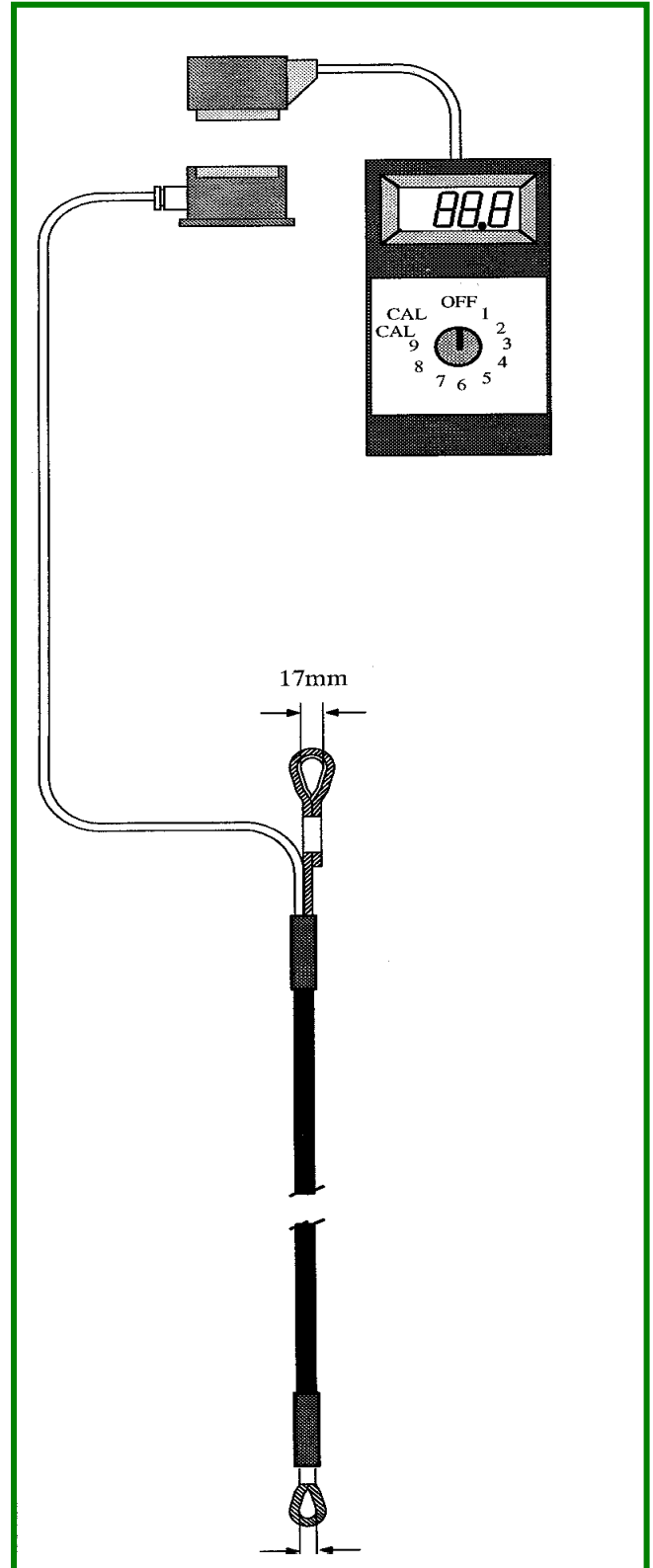
By inserting the plug on the instrument, the temperatures can be monitored in the display one by one.

Each sensor cable is capable of holding maximum 9 sensors equal to the number of poles in the socket. The 9 sensors can also be divided into several sensor cables connected to the same socket outlet.

The Unitest® Mini is a low-price system excellent for smaller silo plants and flat stores.

### Read-Out Unit

The instrument is powered by batteries and fixed to a heavy duty plug. When the plug is inserted in the socket the temperature value is monitored in the display for the sensor selected by the instrument selector switch. The selector switch has 9 positions for sensor selection and 2 positions for calibration beside the OFF position.



### Technical Specifications

#### Read out unit:

Power supply : 6 V DC, 2.2 mA  
Batteries : 4 x 1.5 V  
(IEC LR6)

Display : 3½ DIGIT  
Dimensions h x w x d : 180 x 100x45 mm.

Weight : 600g/0.6kg  
Ambient temperature : -20° - +70° C

#### Temperature cables:

Maximum current : 2 mA  
Nominal res. At 25° C : 1.000 ohm± 1%

Typical var. At 25° C : 0.8%/°C

#### Socket outlet:

No. of poles : 10  
Degree of protection : IP55  
Cable connector : PG16  
Ambient temperature : -25° - +75°C

#### System:

Measuring range : 0 - +70°C  
Accuracy : ± 0.75°C

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