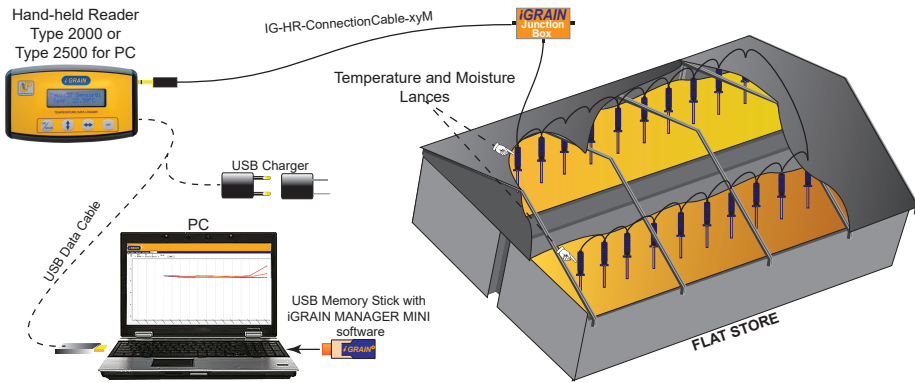


## iGRAIN TEMPERATURE AND MOISTURE SENSOR LANCE

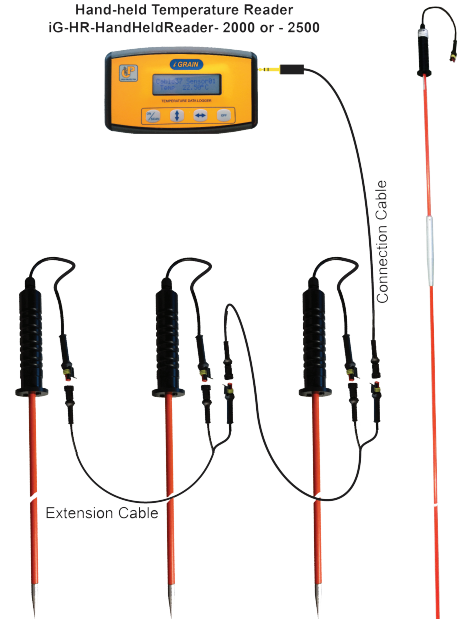
FOR SPOT CHECKING AND PERMANENT FLAT STORE MONITORING



### Hand Instrument Systems



Hand-held Temperature Reader  
iG-HR-HandHeldReader- 2000 or - 2500



### General description

The iGRAIN TEMPERATURE and MOISTURE SENSOR LANCES are designed with advanced features and comes in several configurations. The lances has a rugged handle that makes it easy to insert into the grain. The lance is a flexible fiber glass rod, coated with a smooth surface and it comes in different lengths for various applications. It is ideal for spot-checking smaller storage sites or for permanent monitoring of flat stores or grain piles. The lances can be connected in series and the readings from several lances can be taken at a central data collection point by a Hand-held reader or connected individually to Sub-Hubs for integration into an iGrain Network System.

### Connection Cables

iGrain provides a variety of connection cables for the lances i.e. Lance to Junction Box / Sub Hub, Lance to Hand-Held Reader and Lance to Lance in various length and CAT 5-E professional LAN cable all for outdoor installation.

### ADVANTAGES

- Superior digital technology
- Moisture, Temperature and Moisture & Temperature
- Flexible fiber glass rods
- For Hand-Held Reader and iGrain Network Systems

### Technical specifications

Length and number of sensors:

Temperature

Sensor 1.0 meter length 1 Sensor

Lances 1.8 meter length 2 Sensors

3.8 meter length 3 Sensors

5.8 meter length 4 Sensors

Moisture

1.0 meter length 1 Sensor

3.0 meter length 2 Sensors

6.0 meter length 3 Sensors

Measuring Range: Temperature Range: -20 to +70 deg. C, resolution 0.3 deg. C  
Relative Humidity (moisture): 0 – 99 %