

**Battery driven portable indicator and instrument for the setting of parameters of stationary digital IMPAC pyrometers via serial interface.**

## HT 6000



- Automatic detection of the pyrometer type
- For parametrizing of pyrometers
- Actual temperature reading
- Simple menu operation
- Interface selectable RS232 ↔ RS485



The **HT 6000** is a battery driven, portable device for adjustment of pyrometer parameters for all digital stationary IMPAC pyrometers via serial interface (RS232 or RS485).

After switching on the HT 6000 detects automatically the connected IMPAC pyrometer and all adjustable parameters are available.

Additionally the HT 6000 can be use as a portable indicator to display the actual temperature reading.

With this features the HT 6000 is the real alternative to PC or laptop for parameter settings and controlling of pyrometers.



## Technical Data

|                                     |   |
|-------------------------------------|---|
| For digital pyrometer of series:    | 5; 10, 12; 50; 140; 210; 510; 530                         |
| Display:                            | LCD, 2 x 12 characters                                    |
| Interface (selectable):             | RS232 or RS485 half duplex                                |
| Connector:                          | 9-pin sub D connector (female)                            |
| Language of display (selectable):   | German, English, French, Italian, Spain                   |
| Display of temperature (selectable) | °C / °F   |
| Data protocol:                      | UPP® (for all stationary digital IMPAC pyrometers)        |
| Battery:                            | 9 V IEC 6F22 / IEC 6LR61 (500 mAh)                        |
| Battery life:                       | ~ 18 h  |
| Weight (incl. battery):             | approx. 220 g   |
| Protection class:                   | IP30  |
| Max. ambient temperature:           | 0 ... 50°C  |
| Storage temperature:                | -10 ... 60°C  |
| Dimensions (H x W x D):             | 189 x 72 x 37 mm  |
| CE-label:                           | According to EU directives about electromagnetic immunity |

## Operation

### Easy operation:

The HT 6000 can be connected to the pyrometer with the standard IMPAC-connecting cables for digital pyrometers. For pyrometers of series 50 a special interface cable is necessary.

ON  
OFF

#### Power switch: ON / OFF:

After switching on the device is looking automatically for an interface connection to the pyrometer. After identification of the pyrometer type it displays the actual temperature reading and all parameters can be displayed and adjusted.

PAR

#### Selection of a pyrometer parameter:

By repeated pushing of the "PAR"-button all parameters can be called sequentially.



#### Changing of a parameter:

The parameter selected by the PAR button is changeable by pushing the up and down buttons.

ENTER

#### Confirmation of a parameter change:

The change of a parameter has to be confirmed by pushing the ENTER button.

## Reference Numbers

### Device

3 826 500 portable parametrizing device HT 6000 (incl. battery)

### Accessories

3 749 140 Spare battery 9 V, IEC 6LR61

3 820 980 Interface cable for pyrometers of series 50



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