

# PROGRAMMABLE RH + TEMPERATURE INDICATOR — HUMIRAD71



Resolution : 0.1 %RH/°C  
 Battery : 9V  
 Display : 3 digit, 7-segment, 0.5"(12.7mm) LCD display with maximum reading of 99.9  
 Accuracy : 2% RH  
 0.3°C  
 Software calibration - No trimpots

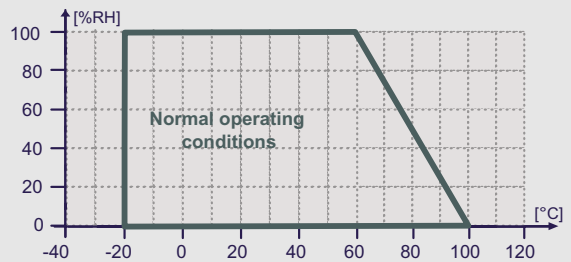


Fig1

## SPECIFICATIONS All specifications at ambient of 25 °C, unless specified otherwise

### INPUT

#### Input types

RH+T signals from RH+T sensor SHT50

#### Input units

RH : %RH (h)  
 Temperature : °C / °F (C / F)

#### Sensor range

0-100% RH  
 -20~70°C (-4~158°F)  
 See Fig1

### ACCURACY

#### Linearity & calibration

2% RH, 0.3°C

#### Temperature effect

%RH : 2% RH / 25°C

#### on accuracy

Temperature : 0.05°C / °C

### TEMPERATURE, HUMIDITY

#### Ambient, storage

-25 to +70 °C

#### Ambient, operation

-25 to +70 °C

#### Relative humidity

0 ~ 90%

### INDICATION

#### Display

3 digit, 7-segment,  
 0.5"(12.7mm) LCD Display

### PROGRAMMABLE PARAMETERS

#### Auto shutoff

Off, 1, 5, 10, 15 minutes

#### Filter

0.4, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 seconds

### Other

#### Resolution

0.1

#### Sensor

SHT50 (To be ordered separately)

### Battery

#### Battery life

9V (NEDA 1604, IEC 6F22)

100 hours typical with Carbon Zinc battery

#### Battery replacement

"LOBAT" appears on the LCD display when replacement is needed

### Keypad

#### Dimensions (in mm)

Tactile, 2 keys

130(H) x 66(W) X 17(D)

### Weight

150gm

## RH + T SENSOR FOR HUMIRAD

### SHT50

Construction : Handle probe with 2 meter cable  
 Tube length : 350 mm including sensor filter cap  
 Tube dia : 14 mm  
 Range, accuracy : See specifications for HUMIRAD71

Note : SHT50 is compatible only with HUMIRAD71 and cannot be used with any other instrument.

## ORDERING INFORMATION

	ORDER CODE
HUMIRAD71	2207
RH+T Sensor SHT50	2209

## SALES INQUIRIES

**1800-22-radix**  
**1800-22-7234**

[www.radix.co.in](http://www.radix.co.in)

**radix**  
 AN ISO 9001:2000 COMPANY

Radix Electrosystems Pvt Ltd  
 B-14, 2nd Floor, Ghanshyam Indl Estate  
 Veera Desai Road, Andheri (W)  
 Mumbai - 400 053, India  
 Tel : + 91 22 26730101 Fax : + 91 22 26731891  
 Email : sales@radix.co.in www.radix.co.in  
 Exports email : exports@radix.co.in

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