



HUMBOLDT

HT-4053 Precision 12" Stem Thermometer



HT-4053

**Precision Digital 12" Stem Thermometer,
-58/482°F (-50/250°C), 30 x 4.5mm
Includes DaKKS calibration certificate**

The ergonomic shaped high precision digital thermometer is intended to be used anywhere a precision glass stem thermometer or other type thermometer is used.

The HT-4053 is well suited as a calibration reference thermometer in the laboratory or field.

The versatile software functions allow easy viewing of display information vertically or horizontally automatically when rotating the display. Selection of Celsius or Fahrenheit units through menu.

The HT-4053 thermometer is constructed with a 12" stainless steel temperature probe, and includes field transportable nylon case. Different from many other electronic thermometers as there are no wires to interfere with usage or incur damage. The HT-4053 comes equipped with and easily replaceable LR6 battery. The silicone button interface makes for intuitive operations.

Features:

- Resistance Sensor Pt100 according to EN 60751
- 0.5-second measuring interval
- Accuracy: $\pm 0.05^{\circ}\text{C}$ ($-20^{\circ}\text{C} \dots +180^{\circ}\text{C}$)
- MAX-MIN-AVG-function
- $^{\circ}\text{C}/^{\circ}\text{F}$ -switchable
- Auto rotating display
- Includes 3 point calibration DAkKS certificate at 0/75/150°C
- Auto-OFF-function after 10 minutes, continuous Mode

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Areas Of Application:

- Petrochemical use
- Laboratory
- Education(schools)

Specifications	
Measuring Range	-50°C ... +250°C
Resolution	0.01°C/° F / 0.1°C/° F switchable
Accuracy	±0.05°C at -20°C... +180°C ±0.15°C otherwise
Display Paper-White	high contrast 50 x 26mm
Measuring Interval	0.5 seconds
Working Temperature	0°C...+50°C
Power Supply	2 x 1.5 Volt AA battery (LR6)
Battery Life	typical 500 hours continuous use
Dimensions Housing	255 x 110 x60 mm (L x W x H)
Dimensions Probe Tube	315 x 6 mm tip reduced 30 x 4.5 mm
Weight	165g



Use as an ASTM Digital Thermometer in place of hazardous mercury thermometers

ASTM No. and IP Equivalent Table

1C	-	20F	-	38C	78C	56C	-	68C	-	83F	-	99F	-	120C	92C
1F	-	21C	-	39C	79C	56F	-	68F	-	84C	-	100C	-	121C	32C
4C	-	21F	-	40C	80C	57C	-	69C	-	84F	-	101C	-	122C	94C
4F	-	22C	24C	41C	81C	57F	-	69F	-	85C	-	102C	83C	123C	95C
5C	1C	22F	24F	42C	82C	58C	-	70C	-	85F	-	103C	84C	124C	96C
5F	1F	23C	-	43C	83C	58F	-	70F	-	86C	-	104C	85C	125C	97C
9C	15C	24C	-	43F	65F	59C	-	71C	72C	86F	-	105C	86C	126C	71C
9F	15F	25C	-	44C	29C	59F	-	71F	72F	87C	-	106C	87C	126F	71F
12C	64C	26C	-	44F	29F	60C	-	72C	67C	87F	-	107C	88C	127C	99C
12F	64F	27C	-	45C	30C	60F	-	72F	67F	88C	-	108F	-	128C	33C
13C	47C	28C	31C	45F	30F	61C	63C	73C	68C	88F	-	109F	-	128F	33F
14C	17C	28F	-	46C	66C	61F	-	73F	68F	89C	-	110C	93C	129C	36C
14F	17F	29C	34C	46F	66F	62C	-	74C	69C	90C	-	110F	-	129F	36F
15C	60C	29F	-	47C	35C	62F	-	74F	69F	91C	-	111C	-	130C	-
15F	-	30F	32F	47F	35F	63C	-	75F	-	92C	-	112C	-	130F	-
16C	61C	31F	32F	48C	90C	63F	-	76F	-	93C	-	113C	89C	132C	102C
16F	-	33C	20C	48F	-	64C	-	77F	-	94C	-	113F	89F	133C	-
17C	-	33F	-	49C	-	64F	-	78F	-	95C	-	115C	-	134C	-
17F	-	34C	21C	50F	-	65C	-	79F	-	96C	-	116C	-	135C	-
18C	23C	34F	-	51F	-	65F	-	80F	-	97C	-	117C	-	135F	-
18F	23F	35C	59C	52C	-	66C	-	81F	-	97F	-	118C	-	136C	-
19C	-	35F	-	53C	-	66F	-	82C	-	98C	-	118F	-	136F	-
19F	-	36C	-	54C	18C	67C	-	82F	-	98F	-	119C	-	137C	-
20C	-	37C	77C	54F	18F	67F	-	83C	-	99C	-	119F	-		



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