



# NOVOTEST

## Dew Point Meter NOVOTEST KTR-1



**Datasheet**

**2022**

## 1. Introduction

Dew Point Meter NOVOTEST KTR-1 is designed for rapid non-destructive measurement the temperature, humidity, dew point calculation and measurement of the surface temperature by contact method.

Dew Point Meter NOVOTEST KTR-1 allows user to measure:

- air temperature (-20 to + 125 ° C)
- surface temperature (-20 to + 125 ° C)
- relative humidity

and calculates:

- dew point temperature
- difference between dew point and surface temperature

**The main advantages of the Ultrasonic Flaw Detector NOVOTEST KTR-1 are below:**

## 2. Specifications

### 2.1 Advantages

- Accurate measurements the parameters of the environment before painting works
- Minimum number of controls: one button – one function
- Digital contrast segment display
- Built-in temperature and humidity sensors
- Built-in contact sensor for measuring the surface temperature
- For easy operation dew point meter is equipped with beeper
- Sound alarm when difference between surface temperature and dew point decreases more than 3 ° C
- Factory default settings of the device allows to operate without additional calibration
- Durable two-button membrane keypad
- Auto power off for increasing continuous operating time

### 2.2 Specifications

Measurement range		
·	air temperature, C	-20 ... +125
·	surface temperature	-20 ... +125
·	humidity	0-100%
Calculated values		
·	dew point temperature	-15 ... +40
·	difference between dew point and surface temperature	Depends on measurement conditions
Standards		ISO 8502-4

Dimensions, mm	96x47x24
Operating temperature range, ° C	-10 ... + 40
Power	Internal battery
Battery life, h, no less	10
Net weight, kg, no more	0,2

### 2.3 Available options

- Case

### 2.4 Standard package

- Dew Point Meter
- Charger
- Operating manual
- Case