



## Calibration of dew point sensors

The calibration range for dew point sensors is  $-80...+20^{\circ}\text{C}_{\text{td}}$

It is possible to calibrate dew point sensors of CS Instruments as well as of other manufacturers. High precision reference measuring instruments with DKD resp. BAM certificate grant an accuracy of up to  $0.1^{\circ}\text{C}$  dew point.



### Special feature

- Due to the digital data transfer only the dew point sensor has to be calibrated, enabling the display unit DS 300 to stay on-site at all times.



Calibration range: from  $-80$  to  $20^{\circ}\text{C}_{\text{td}}$   
 Accuracy of the DKD reference:  $0.1^{\circ}\text{C}_{\text{td}}$

Description	Order no.
Precision calibration at $0^{\circ}\text{C}_{\text{td}}$ and $10^{\circ}\text{C}_{\text{td}}$ including ISO certificate	3200 0003
Precision calibration at $-40^{\circ}\text{C}_{\text{td}}$ including ISO certificate	0699 3396
Precision calibration in the range $-80...20^{\circ}\text{C}_{\text{td}}$ , $^{\circ}\text{C}_{\text{td}}$ points freely selectable	on request
Control and calibration set 11.3 % RH	0554 0002
Control and calibration set 33 % RH	0554 0004
Control and calibration set 75.3 % RH	0554 0005

### Control and calibration set

Control and calibration sets guarantee a defined humidity by means of a saturated saline solution.

The control and calibration set is screwed onto the dew point sensor and therefore enables an easy and low-priced possibility for on-site control and calibration down to  $-20^{\circ}\text{C}$  dew point.