

Air humidity



In fact a female affair ...

is the donation of choice natural hair as humidity measuring element. The resulting manually adjusted sensitive natural hair grid has been employed for decades outdoors or when high accuracy is required.

The precision mechanics meter drives the recording drum (acc. to DIN 58658), on which the special smear-proof charts are mounted. The even draft of curves as a continuous recording of rel. humidity is written by a felt pen.

- ▶ manipulation proof
- ▶ off line
- ▶ very low maintenance
- ▶ very robust (metal housing)
- ▶ long-term stable measuring element
- ▶ hygro-mechanic, recording
- ▶ easy reading and handling
- ▶ large temperature application range

storage rooms • classical climatology, meteorology • technical and medical laboratories • paper industry • tobacco industry • wine cellars



The specific graph paper acc. to DIN 16234 possesses an aligned fiber structure. This guarantees constant paper dimensions when humidity varies as well as steady line thickness in different rotation durations.

Professional Line

Measuring element:
Measuring range:
Accuracy:
Range of application:

Versions:

00.02500.111 000
00.02500.131 000

Housing/ Weight:
Included in delivery:

Accessories:

33.02520.144 000
33.02520.144 010
33.02520.144 020

Series (250) Hygrographs

natural hair grid • standardized (removable)
0...100 % r. h.
± 2 % r. h. with regular regeneration
temperatures -35...+70 °C • humidity 0...100 % r. h.

	Recording period	Graph paper [1 set = 100 pieces, approx. 0.25 kg]
(250)	7 days	34.02500.001 000 (250 D1)
(250 Ua)	7 days	34.02500.001 000 (250 D1)
	or selectable 1 day (31 days on request)	34.02500.003 000 (250 D3)

Dimensions 280 x 145 x 180 mm • RAL 9010 (clean-white) • 3 kg
1 set = 100 pieces of graph paper • 1 violet felt-tipped pen

(252-144) Felt-tipped pens (6 pieces) • violet
(252-144a) Felt-tipped pens (6 pieces) • red
(252-144b) Felt-tipped pens (6 pieces) • black

The ink of a felt-tipped pen is sufficient for one year.
The felt-tipped pens are applicable for all drum recorders.

Graph paper see above.