

# UNIVERSAL MOISTURE METER WOOD, BUILDING MATERIAL, PAPER, CARDBOARD, ...



## DS4A

Universal instrument with digital display for measuring moisture content in wood, building materials, paper, insulation materials and other materials.

It can also be used in caravans, trailers, mobile homes and for measuring moisture in glass fibre plastic boats (problematic nature of osmose).

With additional sensors it can be used for measuring temperature, rel. humidity, dewpoint.

### Technical data:

measuring range:	0 - 100% (adjustable)
resolution:	0,1%
measuring depth:	approx. 3 cm
measuring rate:	1 -10 meas. / sec. (adjustable)
attenuation:	0 - 99% (adjustable)
storage:	250 moisture values 16 000 sensor values
dimension:	approx. 200 x 80 x 40 mm
weight:	approx. 250 g
interface:	RS232 / DMI-Controller



- the instrument can be calibrated with the optional calibration modules PE05 and PE30
- up to 10 different customer specific linearisation curves, with up to 8 free programmable linearisation points can be implemented
- fixed linearisation curves for a lot of common materials are already stored and can be selected
- sensors can be calibrated
- additional datalogger for up to 16 000 sensor values, data will be stored with time and date
- the instrument has a serial interface for connecting to a PC, with the optional software DMI-Controller different settings can be made and also measured and stored values can be transferred to the PC for analysis and storing on the hard disc
- optional the instrument can be made with a aluminium case part for better protection against mechanical and electrostatical strength

### Optional extras:



rel. humidity, air temp.  
approx. . 7,5 x 180 mm



rel. humidity, air temp.  
approx. . 7,5 x 380 mm



rel. humidity, air temp.  
approx. . 5,5 x 190 mm



rel. humidity, air temp.  
for drilled holes  $\varnothing$  8 mm



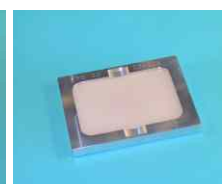
surface (wall) temp.  
approx.  $\varnothing$  7,5 x 170 mm



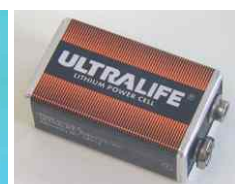
PC software  
DMI-Controller



test module PE30



test module PE05



lithium long life bat.,  
30h measuring time