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

AD4A

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

It can aso 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. 4 cm
attenuation:	0 - 99% (adjustable)
storage:	16 x 128 material moisture values 16 000 sensor values
dimension:	approx. 200 x 80 x 40 mm
weight:	250 g
interface	RS232 / AD4A-S

- the instrument can be calibrated with the optional calibration modules PE05 and PE30
- up to 500 different customer specific linearisation curves, with up to 10 linearisation points can be implemented. Administration of the curves with a PC data base. During measurements a material text is shown. For each meter material curves, sorted in groups, can be composed individually.
- fixed linearisation curves for a lot of common materials are already stored and can be selected
- serial PC interface
- with the optional Windows based software AD4A-S measured values can be transferred and stored on the mass storage of the PC
- optional the instrument can be made with an aluminium case part for better protection against mechanical and electrostatical strength

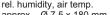### External sensors / datalogger:

Sensors for relative humidity, air temperature and surface temperature can be connected.

- choice and calibration of up to 20 different sensors
- dew point calculation
- display in °C or in °F
- simultaneous display for relative humidity, air temperature, surface temperature and dew point
- quick surface temperature measurement
- datalogger for recording up to 16000 sensor values

optional extras:

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

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

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

rel. humidity, air temp. for drilled holes Ø 8 mm

surface (wall) temperature approx. Ø 7,5 x 170 mm

infrared temperature sensor IR-sensor

test module PE30

test module PE05

PC software AD4A-S