



PCE Americas Inc.  
711 Commerce Way  
Suite 8  
Jupiter  
FL-33458  
USA  
From outside US: +1  
Tel: (561) 320-9162  
Fax: (561) 320-9176  
info@pce-americas.com

PCE Instruments UK Ltd.  
Units 12/13  
Southpoint Business Park  
Ensign way  
Hampshire / Southampton  
United Kingdom, SO31 4RF  
From outside UK: +44  
Tel: (0) 2380 98703 0  
Fax: (0) 2380 98703 9  
info@pce-instruments.com

[www.pce-instruments.com/english](http://www.pce-instruments.com/english)  
[www.pce-instruments.com](http://www.pce-instruments.com)

**Concrete Moisture Meter PCE-WP24 for wood / for different wood types and building materials / fast and without damaging the material**

The Concrete Moisture Meter PCE-WP24 for wood is a measuring instrument to detect quickly and without damaging the material moisture content in diverse wood types. Also, the Concrete Moisture Meter can be used to measure moisture content in building materials. The Concrete Moisture Meter uses a measuring method consisting of both a dielectric constant and high frequency. Electromagnetic waves penetrate up to 50 mm approx. from the surface. The result is an average of the depth of 50 mm. To get a result with the Concrete Moisture Meter the customer has to choose a wood type or a building material (you will find a list on the back of the meter) and put the external electrodes on the surface. The Concrete Moisture Meter is delivered with a calibration done for a long period of time, so it will not need any annual recalibration.

- User-friendly
- For fast measurements on the spot of moisture content (put the meter on the wood, press the button and read the value on the display)
- It measures moisture content without causing any damages in the material.
- Measuring depth of 50 mm approx.
- Test switch for a quick set up.
- Results are displayed instantaneously.
- No preparations required.
- 12,7mm LCD display.
- It can be used under harsh conditions.
- Battery level indication.

## Technical specifications

### Measurement ranges

- Wood 4 ... 60 %
- Building materials 0 ... 10 %

Resolution 0,1 %

Accuracy  $\pm 0,7$  %

### Measurement depth

- Wood approx. 60 mm
- Building materials approx. 50 mm

### Adjustments

- Density (wood) 0,3 ... 1,1 g/cm<sup>3</sup>
- Density (building materials) 0,8 ... 2,8 t/m<sup>3</sup>
- Force (wood) 10 ... 60 mm
- Force (building materials) 30 o 50 mm

### Adjustment resolution

- Density (wood) 0,02 g/cm<sup>3</sup>
- Density (building materials) 0,2 t/m<sup>3</sup>
- Force (wood) 2 mm
- Force (building materials) removed

Display 12,7 mm LCD display

Housing plastic

Power 1 x 9 V battery

Battery duration approx. 2000 measurements

Dimensions 165 x 80 x 33 mm

Weight 500 g

## Delivery contents

- 1 x Concrete Moisture Meter PCE-WP 24 absolute moisture meter for wood and building materials
- 1 x battery,
- 1 x carrying case
- 1 x user's manual.