

CPM- CM units

for fast and reliable moisture determination in construction materials and other compounds



Practical advantages:

Precise measuring system and extremely easy to operate

Choose from complete sets with three precision pressure gauges – mechanical or digital.

Rugged design in metal carrying case

Attractive price-performance ratio

Direct reading of the CM% moisture

With accuracy class up to 0,1% (only Standard Pro and Business)

Log printer documentation protects against loss and follow-up costs (Business)



Regardless of whether you choose the Classic, Standard Pro or Business – the **CPM** complete sets are convincing owing their ease of operation and high precision.



CPM- CM units

CM measurements offer protection against expensive and complex repairs at a later date.





Professionals know: Building damage is frequently attributable to an excessively high residual moisture of the base surface. With the **CPM** complete sets, you can conduct your measurement quickly and reliably. They allow you to determine the residual moisture in processed construction materials such as base floors and other compounds directly on site without the need for additional aids or tools, they supply precise results and they allow you to document the results with the supplied log printer (option available only for Business). **No need for time-consuming laboratory tests thanks to the precise measuring system.** The indicated reading on the pressure gauge corresponds to the actual residual moisture in CM% – no bothersome conversions necessary.

Technical specifications

Detailed description of the set components

- Precision spring balance up to 100 g**
 - Rugged design with extra-long scale for better reading
 - Maximum error $\leq 0,3\%$
 - 20 g calibration weight for checking the balance.
- Weighing beakers (2 ea.);** the weighed portion can be added directly to the cylinder - practical since this prevents spillage
- Full tool kit for sample conditioning**
- Ball set with 4 steel balls** (starting, mixing and grinding effect)
- 20 carbide ampoules**
- 3 test ampoules with 1.00 g water for checking pressure gauge and checking for leaks**
- 3 spare seals, both for pressure gauge and for pressurised cylinder + spoon and cleaning brush**
- Clear Instructions for Use in addition to Quick-Start-Guide**
- Metal carrying case** – everything in its place and protected during transport



Individual component equipment:				
Description / Model	Classic (B)	Standard Pro (C)	Business (D)	CM log printer (E)
Pressure measurement principle	Relative	Absolute	Absolute	Complete with protective cover, charger (220 V) and spare paper reel. Prints the measurement results directly as a log. Option for more than one printout of a measurement with log numbers.
Dependence of indicated pressure on ambient pressure	Correlated	None	None	
Splashproof/dustproof	Standard	Very good (steel diaphragm)	Very good (steel diaphragm)	
Online check	No	Possible	Yes	
Measurement duration indication	No	No	Yes	
Logging option on site	No	No	Yes	
Measured value storage	No	Yes	Yes	
Individual company logo	No	No	Yes	
Maintenance effort	Check regularly	Very low	Very low	
Technical characteristics				
Pressure gauge accuracy class	1,6	0,1	0,1	
Measuring range	0 to 1,6 bar	0 to 2 bar	-1 to 2 bar	
Overload protection	Moderate	Very good	Good	
Typ. error (mbar)	$\pm 25,4$	± 10	± 2	
Direct read-off of CM% moisture				
10 g	–	x	x	
20 g	x	x	x	
50 g	x	x	x	
100 g	x	x	x	
Other weights	No	Bar	Yes	
Electrical power supply	None	Commercially available battery (approx. 1000 hours)	Long-life battery (approx. 3000 hours)	

The **CPM** complete sets are available in three equipment versions:

1. Complet set classic (A+B)

Consisting of basic case (A) and CM measuring instrument Classic (B)



2. Complet set standard pro (A+C)

Consisting of basic case (A) and CM measuring instrument Standard Pro (C)



3. Complet set Business (A+D+E)

Consisting of basic case (A) CM measuring instrument (D) Business and CM log printer (E)



On the complete set Business, the measurements are documented with a log printer. Multiple printouts simplify administration and proof of compliance with obligatory inspection regulations in the event of disputes.



The **CPM** complete sets Classic and Standard Pro can be updated at any time by ordering the individual components subsequently!