

## **Air entrainment meter** **Test volume: 0.75 L + 1 L**

For determination of the total air content  
in cement paste, mortar  
and masonry cement.

Test to EN 459-2, EN 413-2,  
EN 1015-7

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## Air entrainment meter

**The equipment operates according to the pressure equalisation method.**

The test equipment has a pressure chamber, in which a defined pressure is generated. By opening an overflow valve, the pressure in the chamber is equalised with the sample container, which is filled with mortar. The pressure drop is a measurement of the air content in the mortar. The accuracy class of the pressure gauge is 1.0.

**The line scale** of the pressure gauge is graduated as follows:

0 - 5 % by vol.:	0,1 % by vol. per scale division
5 - 10 % by vol.:	0,2 % by vol. per scale division
10 - 20 % by vol.:	0,5 % by vol. per scale division
20 - 30 % by vol.:	1,0 % by vol. per scale division
30 - 50 % by vol.:	5,0 % by vol. per scale division
50 - 100 % by vol.:	without scale division

### Technical features

Pushbuttons for simple performance of the test. Mechanical valve for secure and reliable sealing off between the pressure chamber and test container. Pressure gauge integrated in the top of the equipment. Quick-release fasteners between the container and cover. Low weight, therefore easy to handle. Easy to service design, easy customer service.

### Two versions

- 1) Device with robust hand pump for operation independent of air supply system.
- 2) Device with mini electrical compressor for fast and uniform generation of pressure.  
230V, 50 Hz / 110V, 60 Hz.

1.0335



### Equipment versions

**TESTING air entrainment meter, 1 litre volume with hand pump** for testing fresh mortar to EN 1015-7, EN 459-2



1.0336

**TESTING air entrainment meter, 1 litre volume with mini electrical compressor** for testing fresh mortar to EN 1015-7, EN 459-2



**TESTING air entrainment meter, 0.75 litre volume**  
**with hand pump** for testing fresh mortar,  
 and masonry cement to EN 413-2

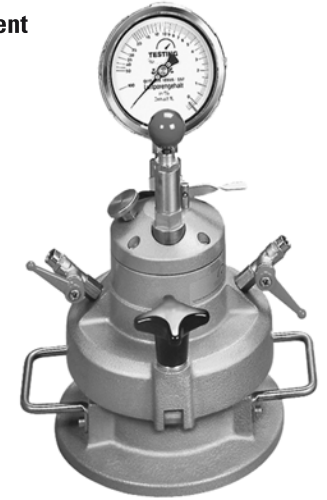


1.0337



1.7304

**TESTING air entrainment metre 1 litre volume**  
 for testing fresh mortar  
 to EN 1015-7,  
 EN 459-2



**TESTING air entrainment meter, 0.75 litre volume**  
**with mini electrical compressor**  
 for testing fresh mortar and masonry cement  
 to EN 413-2



1.0338



1.0340ASTMC185

**Graduated beaker made of stainless steel**  
 Set for determining the total air content of fresh mortar  
 using the density method to ASTM C185-08



**Accessories**

1.0335.01

**Filling ring**  
 for 0,75 L and 1 L container

1.7304.01

**Filling ring**  
 Type 7304 for 1 L

1.0335.02

**Transport container**  
 for air entrainment meter 0.75 L and 1 L

Subject to change without notice - 06/13