Air Entrainment

The determination of air content of freshly made concrete is detailed in EN 123450 and ASTM C236, where the importance of two main applications is highlighted. The primary purpose of entraining air in concrete is to give the required resistance to weathering. The use of chemical additives to increase the workability of concrete often requires an air content check to be made.

Precision Air Entrainment Meter

EN 12350-7; ASTM C231

- *7 litre capacity*
- *Shock-proof pressure gauge mounting*
- *Lightweight aluminum construction*
- *Heavy-duty plastic carrying case for easy transport to site*

The proper control of entrained air in concrete is recognized as one of the most important functions in modern concrete manufacture. For the concrete engineer, the ELE Precision Air Entrainment Meter offers an instrument for the testing and designing of concrete mixes.

The instrument is designed so that the operating parts form an integral unit. The container is rigid, thus providing an accurate device for the performance of unit weight testing. For convenience, the tare weight in grams is stamped on the bottom. When used with the supplied nomograph, the air meter provides quick and easy particle density and percent of free moisture in aggregate determinations.

The meter has a multi-range feature to accurately measure entrained air up to 22%.

The ELE Precision Air Entrainment Meter is supplied complete with straight edge, syringe and carrying case.

Specification	
Dimensions	248 x 345 mm (diameter x height)
Capacity	7 litres
Readings	Up to 22% entrained air
Accuracy	± 0.25% full scale
Aggregate size	50 mm maximum
Container	With tare weight stamped on bottom; 2-piece clamping device for positive seal
Pressure gauge	In shock-proof mounting
Weight	8.0 kg

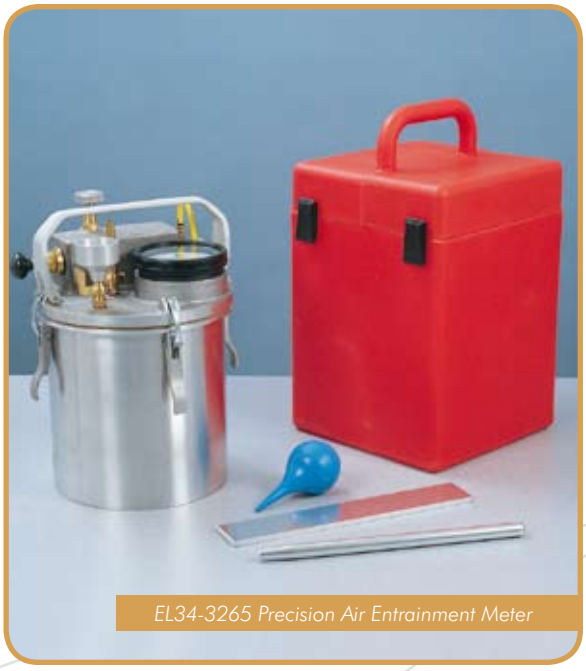
Ordering Information

EL34-3265 Precision Air Entrainment Meter, Type B

Accessories

Tamping Rod. Steel, 600 mm x 16 mm (length x diameter), see EL34-0130.

EL34-2910 Compacting Bar. Steel, 380 x 25 mm (length x square) tamping area, EN/BS. Weight 1.8 kg.



EL34-3265 Precision Air Entrainment Meter

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