

DATA SHEET

Length Comparator



62-L0035/A with reference rod (not included)

General description

This apparatus is used for a number of length measurements concerning mainly cement and mortar specimens with different lengths. For this reason the reference rods are not included and have to be ordered separately, consulting for an easy and quick choice, the specification table.

Two column steel frame with adjustable top anvil to suit the specimen length. Fit with a digital gauge 12.5x0.001 mm.

- Dimensions: 180x180x490 mm
- Weight approx.: 10.5 kg

Main features

Including digital gauge 12.5x0.001 mm with serial output for PC connection

Standards

- UNI 8147
- UNI 8148
- EN 1367-4
- EN 12617-4
- EN 12808-4
- ASTM C151
- ASTM C490
- UNI 8520:22
- UNI 6687
- EN 680

Specifications

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Reference mould, plugs and rod selection guide

Standard	Test/Determination	Mould code	Specimen Dimensions mm	Plugs code	Rod code length mm
ASTM C490, C157	Length change of hardened cement paste, mortar	62-L0033/B	25x25x285	62-L0033/B2	62-L0034/1* 295
EN 1367-4	Effect of aggregates in drying shrinkage of concrete	48-D0453	50x50x200	48-D0453/1	62-L0034/3 205
ASTM C596	Drying shrinkage of mortar	62-L0033/B	25x25x285	62-L0033/B2	62-L0034/1* 295
EN 12617-4	Hydraulic shrinkage of cement mortar	62-L0009/F	40x40x160	62-L0009/1F	62-L0034/7 160
UNI 6687	Hydraulic shrinkage of cement mortar	62-L0009	40x40x160	62-L0009/1	62-L0034/7 160
EN 12808-4	Shrinkage determination of grouts for tiles	62-L0009/F+ 62-L0010/H3	10x40x160	62-L0010/H2	62-L0034/7 160
EN 1770	Determination of thermal expansion	65-L0010/A	40x40x160	65-L0010/5	62-L0034/10 176
ASTM C151	Expansion of Portland cement	62-L0033/B	25x25x285	62-L0033/B2	62-L0034/1* 295
UNI 8147	Restrained expansion of mortar	55-C0115/8	50x50x280	-	62-L0034/8 280
UNI 8148	Restrained expansion of concrete	55-C0115/7	80x80x240	-	62-L0034/8 280
UNI 11504	Potential reactivity of aggregates (at 80°C)	65-L0009/A	25x25x280	65-L0009/A1	62-L0034/11 294
ASTM C1567, C1260	Potential reactivity of aggregates (at 80°C)	62-L0033/B	25x25x285	62-L0033/B2	62-L0034/1* 295
UNI 11604	Potential reactivity of aggregates	65-L0033/U 65-L0033/UU	75x75x285	65-L0033/U1	62-L0034/1* 295
ASTM C227	Potential reactivity of aggregates	62-L0033/B	25x25x285	62-L0033/B2	62-L0034/1* 295

*Note: 62-L0034/1 is INVAR made. 62-L0034/12 features the same length, 295mm, but is made from stainless steel

Products

62-L0035/A

Length comparator digital version. Comprehends digital gauge with output for PC connection (special cable required) - reference bar not included

Accessories and consumables

82-D1261/LINK

Serial cable for PC connection