

Vicat Needle Apparatus

ZI 1003



Vicat Needle Apparatus : ZI 1003

IS 4031, 2645, 2542 (PART-1), 1727, 5513 & 712. BS 12, 146, 915, 1370, 4027, 4246, 4248, AASHTO T 129, E 131.

This instrument is used for determining the normal consistency and setting times of cement and 'A' class limes.

SPECIFICATION:

The apparatus consists of a metallic frame bearing a freely movable and with a cap at top, one vicat mould and glass base plate and one set of needles one each initial needle, final needle and consistency plunger.

VICAT NEEDLE APPARATUS WITH DASHPOT

IS 4031, 2645, 2542 (PART-1), 1727, 5513, 5513 & 712. BS 12, 146, 915, 1370, 4027, 4246, 4248, AASHTO T 129, E 131

SPECIFICATION:

Same as ZI 1003 but in addition is fitted with a dashpot which facilities gentle lowering of the needles.

ACCESSORIES:

Mild steel base plate 5 inches x 5 inches. Fulcrum mould, brass, 70mm i.d. base dia x 60mm i.d. top dia, 40 mm height.

NOTE : 1) Normally set of needles and mould which meet its requirements as per I.S. 5513 are supplied. While ordering please specify the specification code of the instrument required.

2) Vicat needle apparatus for determining consistency of hydraulic cement. Gypsum plaster, lime etc. As per ASTM C 187-58 C 472-62 C 110-58, IS 2542 (Part-1) can also be supplied.

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