



**ZEAL INTERNATIONAL** (An ISO 9001 Certified Company)

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## Standard Penetrometer ZI 4007

Standards:ASTM D5, BS 2000

Specification:

It consists of a vertical pillar mounted on a base provided with leveling screws. The head, together with dial plunger rod a cone (or needle) slides on a pillar and can be clamped at any desired height. A rack and pinion and pointer assemble provides fine adjustment of needle or cone tip to sample. It incorporates a clutch mechanism. Which makes reading of penetration and subsequent resetting a simple and accurate operation. The dial is graduated in 400  $\frac{1}{10}$  and the millimeter subdivisions and the needle pointer against figures makes easy reading. Supplied with a bitumen penetration needle, ring weight one each 50 gms. and 100 gms. two sample containers.

### Accessories:

Penetration cone for empirical estimation of penetration of lubricating grease, petroleum jelly etc.

