

Falling sand test equipment (Resistance to surface damage by fine particles)

Description:

The equipment provides the two required basic functions within a suitable housing:

The gravity tube assembly, consisting of three rigid PVC tubes of the same diameter, separated by two polyamide sieves, and through which the sand falls;

A rotating plate, inclined to the vertical axis, and upon which the sample holders are mounted, so as to present the specimens to the stream of falling sand.

Consumables, sufficient for 10 tests, are included:

- 10 x B270 glass reference samples
- 10 x PMMA reference samples

Optional items:

Glass and PMMA reference samples.

Services required:

Floor mounted

110/230 volts AC, 50/60Hz, mains electricity

Silica sand – obtained and sieved locally, using the sieves specified in the standard

Approximate packed size & weight:

250 x 50 x 50 cm : 65 kg

Relevant standards:

EN 168:2001, para 15.1 and figures 8 & 9

AS/NZS 1337-1:2010, appendix W

