

Silt & Clay Content

TG-213

Sedimentation Apparatus for Clay, Fine Silt and Fine Dust

Clay, fine silt & fine dust

IS 2386-2

Andreasen pipette, jar rotator and 1000 ml cylinder for finding clay, fine silt and fine dust in aggregate by sedimentation to IS 2386 (Part 2).

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Description

This is a gravimetric method for clay, fine silt and fine dust, meaning particles up to 20 microns. The exact cut-off can shift with the type and density of the material and the temperature during the test.

The set has a device that turns the sample jar end over end about its long axis, held horizontal, at 80 ± 20 rpm. Samples are drawn with an Andreasen-type sedimentation pipette of about 25 ml, which has a two-way tap at the top and is held in a clamp that can be raised or lowered against a height scale. A 1000 ml measuring cylinder is included.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

Technical specifications

Particle size covered	Up to 20 micron
Jar rotation	80 ± 20 rpm, axis horizontal
Pipette	Andreasen type, ~25 ml, two-way tap
Cylinder	1000 ml