



MILESTONE INSTRUMENTS

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MI.GE-1009 Hydrodynamic Sieve Test Apparatus

The apparatus consists of two test drums of 14 cm dia and 7 cm effective length with 16 nos. of 4 mm dia rods provided circumferential at equal spacing to hold the geotextile specimen in position. Two troughs to contain the test drums are supported on horizontal axis, facilitating free rotation and capable of being filled with distilled water to a level of 20 mm below the drum axis. The clearance between the trough and the geotextile could be maintained at about 40 mm. The apparatus is provided with a motor drive and a change gear assembly to enable rotation of the drums at a speed of 20 rpm.

Technical Specifications:

Diameter of Drum	140 mm \pm 1 mm
Width of Drum	70 mm \pm 1 mm
Rotation of the drums	20 RPM
Power Driven by	Gear Induction Motor
Power Supply	220 volts,50 HZ

