



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

HIGH SPEED MECHANICAL SOIL STIRRER - 16000 TO 18000 RPM



Compliance Standards

IS : 2720 (PART IV), AASHTO T88, ASTM D7928, BS : 1377-2, ASTM D422

Soil Dispersion Mixer for hydrometer analysis of soil provides thorough mixing of soil samples using a special mixing blade and a baffled dispersion cup. This product features a powerful 1/3hp motor that has selectable 13,000, 16,000, and 18,000rpm speeds, plus a manual pulse switch. The heavy die-cast aluminum housing and durable spindle are built to last under repeated use.

The dispersion mixer set includes a stainless steel dispersion cup with four sets of internal baffles as specified in the test methods. Additional SA-16 Dispersion Cups are available separately to enhance sample preparation efficiency.

Features:

- The durable, long-lasting commercial-grade mixing unit
- Meets all requirements of ASTM and AASHTO test methods
- stirrer is free from vibration whilst operation and the base is made with rubber cushions.
- The shaft is equipped with a replaceable stirring paddle of either of the types and made of metal. The surface is of such length that the stirring paddle will operate not less than 20 mm and not more than 35 mm above the bottom of the dispersion cup.
- Dispersion Cup having Rounded bottom prevents soil accumulation

Included Items:

- Soil Dispersion Mixer (230V, 50/60Hz)
- A special dispersion cup conforming to either of the designs shown in IS 2720 (Part IV) 1985
- Replacement Blade
- Baffled Dispersion Cup meets test method requirements

Technical Specification

- Dimensions : 6.5" x 6.75" x 20.5"
- Weight (Approx) : 7.8 kg

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