Soil Dispersion Mixer for Hydrometer Analysis of Soil

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The **Soil Dispersion Mixer** is designed to provide thorough and efficient mixing of soil samples in compliance with ASTM and AASHTO test methods. This robust and reliable equipment ensures accurate preparation for hydrometer analysis, leveraging its specialized mixing blade and baffled dispersion cup.

Product Features

- **High-Performance Motor:** A powerful 1/3hp motor with selectable speeds of **13,000, 16,000, and 18,000 RPM** ensures optimal mixing for different soil types.
- **Durable Construction:** Heavy die-cast aluminum housing and a reinforced spindle withstand repeated use in laboratory environments.
- **Specialized Dispersion Cup:** A stainless steel dispersion cup featuring four

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internal baffles guarantees consistent soil sample mixing as per test requirements.
- **Manual Pulse Switch:** Provides additional control for customized mixing.

Specifications

- Model: **Model:** SA-14F
- **Capacity:** 29oz (0.85L)
- **Speed Options:** 13,000, 16,000, and 18,000 RPM
- **Motor Power:** 1/3hp
- **Electrical Options:**
  - 115V/60Hz, 7.5 Amps
  - 230V/50-60Hz, 1.3 Amps
- **Dimensions:** 6.5x6.75x20.5in (165x171x521mm) (WxDxH)
- **Weight:** 17.0lb (7.71kg)

Included Items

- Soil Dispersion Mixer (115V, 60Hz or 230V, 50/60Hz)
- Stainless Steel Baffled Dispersion Cup

Accessories

- **SAA-2 Replacement Blade:** Replacement for worn or damaged blades.
- **SA-16 Dispersion Cup:** Additional dispersion cups for enhanced efficiency and compliance with test standards.

Key Benefits

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1. **Commercial-Grade Durability:** Built for long-lasting performance in laboratory settings.
2. **Test Compliance:** Fully meets ASTM and AASHTO test method requirements.
3. **Improved Efficiency:** Optional accessories streamline sample preparation and testing workflows.

The **Soil Dispersion Mixer** is an essential tool for laboratories conducting hydrometer analysis, offering precision, durability, and compliance with industry standards.

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