

Wet Sample Divider (WSD-10)

Application: The wet sample divider (WSD-10) divides a wet particle sample into five or ten equal parts. Without drying, the divided samples are preserved and contamination risk is reduced. The WSD-10 is particularly suited for high precision preparation of biogeochemical analyses.

Wet Sample Divider (WSD-10) Features and Benefits



- ❖ Includes a **rotary sample splitter** head, a **tower** and a **sample tray**.
- ❖ Sample tray has a **500 ml** capacity.
- ❖ **Precise movement** of tower and rotary splitter is **controlled** with on/off switches and speed dials.
- ❖ Standard **supplies** include **100 glass vials** with caps, an **AC power supply** and **sample containers**.

WSD-10 Specifications

Length x Width x Height	41 cm (16.14 in) x 22 cm (8.66 in) x 45 cm (17.71 in)
Weight	8 kg
Construction materials	Acetal and Acrylic
Sample containers	40 ml vials or 250 ml bottles
Power Required	15 VDC or 95-250 VAC
Number of aliquots	5 or 10
Sample tray volume	500 ml
Maximum size of particles	<10 mm
Deviations between aliquots	<5.0%
Approx. time for sample division	10 minutes
Maximum divider speed	1 rev/sec
Maximum tower speed	2.3 mm/sec

Specifications Subject to Change without Notice