

Prep Engine

The PrepEngine was developed through collaborations with leaders in the pharmaceutical and biotech industry to simplify and speed up the content uniformity sample preparation process. The result: a compact benchtop design that incorporates 1, 2, 10 individually powered, high-output stirring stations which can prepare content uniformity samples up to 90% faster than conventional methods.

- **ULTRA-FAST SAMPLE PREPARATION OF PHARMACEUTICAL AND BIOTECH SAMPLES**

Including; assay, impurity and content uniformity applications. Up to 90% faster than conventional methods.

- **1, 2, 10 INDIVIDUALLY POWERED STATIONS**

Individually activated, high-power stirring stations maximize productivity and significantly increase sample prep throughput.

- **ADJUSTABLE SPEED & TIME**

The speed is adjustable from 500 to 6000 rpm with user-defined time cycles.

- **RELIABLE & CONSISTENT RESULTS**

From test to test, the sample results are fast, reliable and consistent.

- **PREPTUBE FOR SINGLE OR MULTI-USE**

Preptubes are a clear polypropylene with SS blade and include a polypropylene septa & cap. Available sizes include 50 mL, 250 mL and 500 mL. Also available in Amber for light sensitive dosage forms. To eliminate the possibility of carryover and cross contamination, Pion recommends single-use; however, a single Preptube for wet extraction can be used a maximum of five (5) x 10 minute tests.*

*All tests are application specific.

- **CANNABIS SAMPLE PREPARATION**

Dedicated sample preparation station for dry homogenizing, dry grinding & wet extraction of cannabis, hemp and other plant material. Low-cost, single-use Preptubes designed specifically for dry homogenizing & grinding.



SPECIFICATIONS

Stirring Stations	1, 2, 10 Individually Powered, High-Output Stirring Stations with LED Status Indicator
Adjustable Speed	500 to 6000 RPM
Free Running Speed	500 RPM \pm 100 RPM / 3000 RPM \pm 150 RPM / 5000 RPM \pm 200 RPM
Stirring Direction	Clockwise / Counterclockwise Stirring Capabilities if the Clockwise Motion has Stalled
Adjustable Time	5 Seconds to 4 Hours
Available PrepTubes	Tube Size (mL): 50, 250 and 500 Tube Color: Clear (Standard) or Amber Blade Material: Stainless Steel (Standard) or Polypropylene Sterility: Non-Sterilized (Standard) or Sterilized Cannabis: Clear, Single-Use for Dry Homogenizing & Grinding
PrepTube Material	Polypropylene
Display	Backlit LCD (Monochrome)
Dimensions	10" (w) x 5" (h) x 12" (d) / (25 cm x 13 cm x 30 cm)
Weight	12 lbs. / (5 kg)
Electrical Power	100-240VAC / 50-60 Hz / 13A (Operating Voltage Pre-Set at Factory)



250 mL and 500 mL
(Clear) PrepTubes



Control Panel (Close Up)

