

UNIVERSAL SAMPLING PROBE USP 3030

MINIATURE DESIGN
ISOKINETIC SAMPLING PROBE



UNIVERSAL SAMPLING PROBE - USP 3030

The Universal Sampling Probe - USP 3030 is a miniature design isokinetic sampling probe for representative sampling of PM at freestream velocities in the range from 0 to 300 km/h. The design verified with numerical analyses and experiments. A material of the Universal Sampling Probe - USP 3030 is electropolishing treated stainless steel to prevent deposit the particles.

Tight tolerances are maintained for all critical dimensions of the sampling probe to ensure the accuracy of this isokinetic sampling.

FEATURES

- + Isokinetic sampling probe
- + Double shrouded type
- + 0 to 300 km/h sampling range
- + Miniature design
- + Electropolishing treatment

UNIVERSAL SAMPLING PROBE

USP 3030

SPECIFICATIONS

■ **Sampling Probe Type**

Double-Shrouded Probe

■ **Freestream Velocity Range**

0 to 300 km/h

■ **Sampling Flow Rate**

3.0 L/min

■ **Outlet Tube**

1/4 in. O.D.

■ **Material**

Electropolishing Stainless Steel

*To reduce the particle deposit

■ **Dimension (H × W × D)**

7.1 cm × 2.5 cm × 2.5 cm (7.1 in. × 1.0 in. × 1.0 in.)

■ **Weight**

40g (0.1 lb)

· The appearance and specification of the product may be changed without prior notice for the improvement of the product