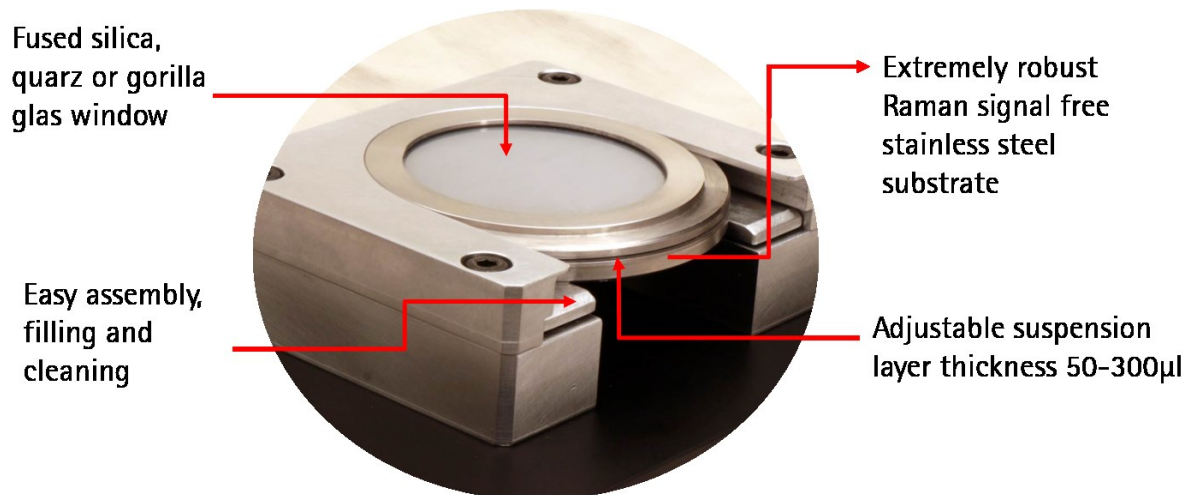


Connecting MFI shape information with high-throughput Raman spectroscopic intelligence



wet-dispersion.AID holds up to 500µL particle suspension for the image directed spectroscopy in the SPE. It is possible to measure hundreds of Silicone droplets and Protein API agglomerates in a Protein based formulation by means of Raman. Preservation of particle suspensions and *in situ* Raman spectroscopy becomes possible

Specifications wet-dispersion.AID Single Particle Explorer Is raman.ID accessory:

- Effective Measurement Area, EMA: \varnothing 44 mm
- Windows: fused silica, gorilla glass, quartz establishes an optical transmission range from 255 nm-850 nm.
- Liquid layer thickness adjustable: 50µm-700µm, resulting in a sample volume from 100-500 µL.
- Raman wavelength (tested): 532 nm, 785 nm
- Substrate: highly reflective stainless steel, Raman background free, enhances Raman signals up to 90%
- Sample holder fits right into the SPE Is setup and is adjusted to the standard height of the sample.
- Physical properties: size: 120x120x60 mm, 240g.