

PEMBROKE INSTRUMENTS, LLC

U.S. Product Information & Quotations

Manufactured by INDATECH | Chauvin Arnoux Group

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Biotechnology

Chemicals

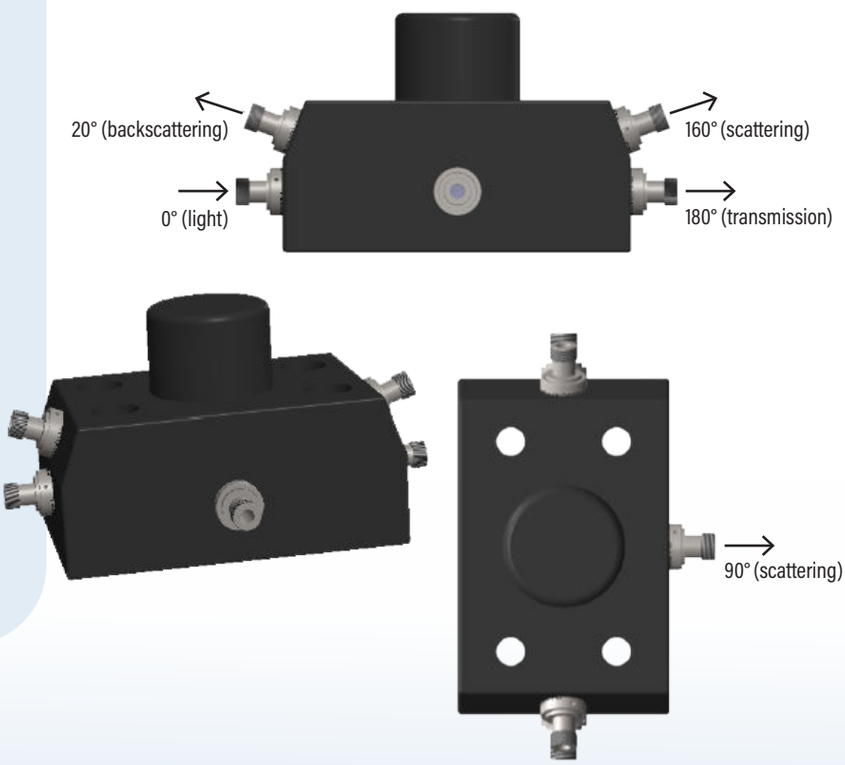
CHAUVIN ARNOUX
INDATECH

UV-Vis/NIR Vial Analyzer



Indatech's UV-Vis/NIR Vial Analyzer is made of optical black anodized aluminum with 5 SMA connectors. Each connector allows the measurement at a specific angle: 180° (collimated transmission) 160° (scattered transmission), 90°, and 20° (backscattering).

The cuvette, vial or syringe to be inspected is centrally positioned within the holder, ensuring a precise and repeatable optical measurement across the different angles. Cuvettes of varying path lengths can be accommodated and corresponding spacers are included for each cuvette size (2, 3, 5, and 10 mm optical path length). Additionally, Indatech provides customization options for measuring syringes or vials of various volumes and diameters.



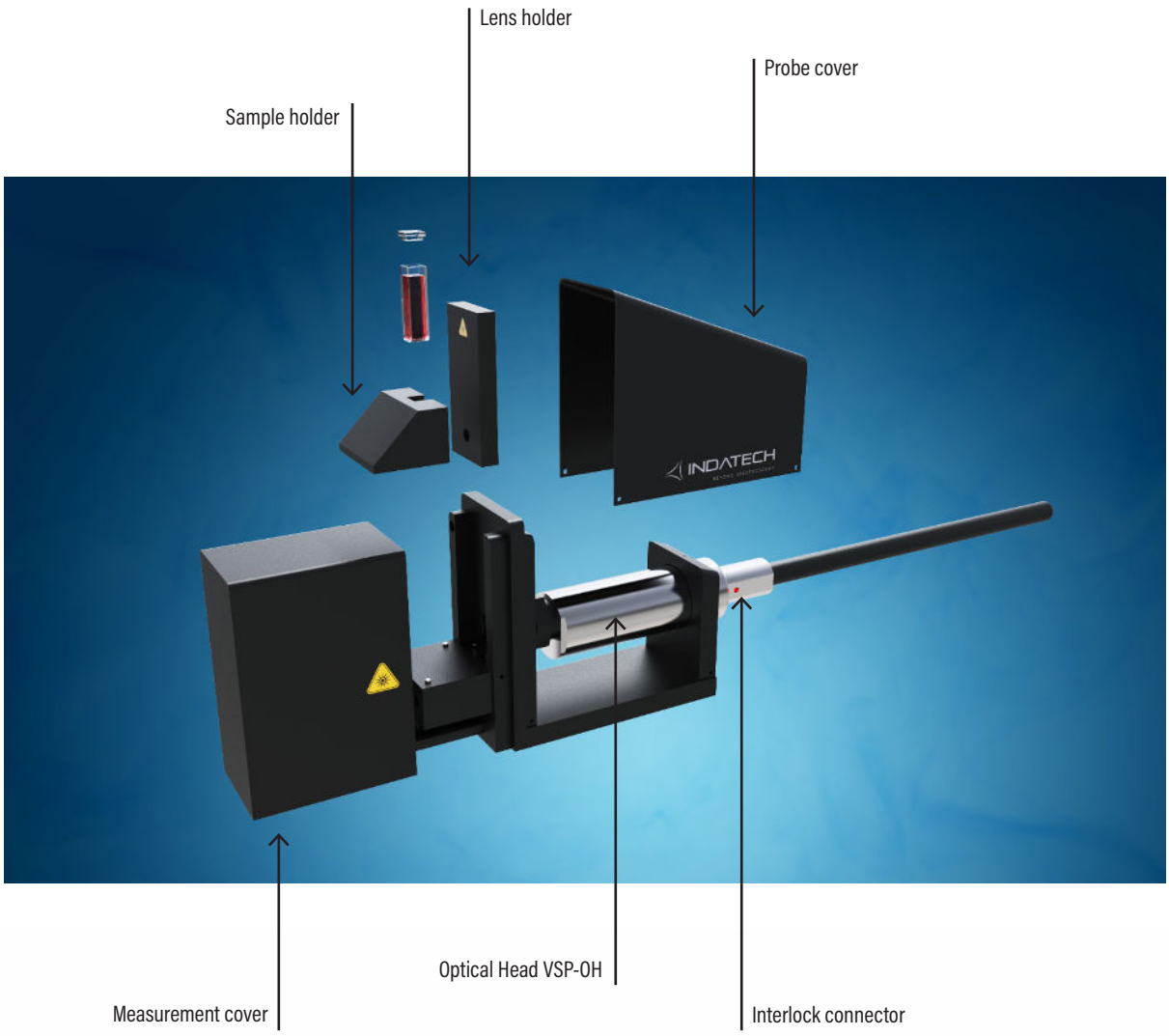
Measure up

Raman Vial Analyzer

Performing at-line Raman measurements on plastic or quartz sample containers offers several advantages:

- Precise and repeatable product investigations at laboratory scale
- Rapid and straightforward product identification and quantification
- Product stability analysis, such as shelf life assessment
- Fast and efficient generation of a calibration database using QbD approaches

The focal length (working distance) can be adjusted to your needs to optimize the signal and the sensitivity. The sample is protected from ambient light, and the probe head can quickly be interchanged and connected to either an immersion pipe or the vial analyzer.



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