SERSTECH ARX+
Get focused – stay focused

Serstech Arx+ is a revolutionizing instrument, introducing SharpEye™ – a patented autofocus technology for handheld Raman instruments. Serstech Arx+ will make it easier to identify and verify substances.

Serstech Arx+ is packed with new features, simplifying the workflow when verifying substances at incoming inspection. Serstech introduces SharpEye™, a patented and market unique autofocus technology made for handheld Raman spectrometers. Serstech SharpEye automatically finds the optimal spot to measure. Together with new powerful algorithms, Serstech Arx+ finds precise results for single substances and for complex mixes.

Serstech Arx+ comes with a built-in barcode reader which makes it possible to tie a measurement to a container by scanning barcodes or QR codes.

The brand new graphical user interface is easy to navigate and new features such as Guided Scan™ and Quick Scan™ makes it possible to get results, faster. The results are presented in a simple way, making it easy to interpret and take decisions. Serstech Arx+ is lighter and smaller compared to previous Serstech models and yet - even more powerful. The device can be brought to wherever it is needed and all measurements can be synced with ChemDash software, over Wi-Fi, in real time. Serstech Arx+ focuses on what is important.

- ■ Autofocus - SharpEye™
- ■ New user interface
- ■ Barcode reader
- ■ Wi-Fi
- ■ CFR compliant
- ■ No consumables, no maintenance cost

To learn more about Serstech ChemDash please visit www.serstech.com or contact sales@serstech.com

For questions regarding the Serstech Partner Program, visit our website www.serstech.com/contact or contact one of our regional sales managers.

Serstech Arx+

Instrument type	Handheld Raman spectrometer
Laser excitation wavelength	785nm
Laser output power	3 levels, max 300mW
Max spectral range	400 cm-1 to 2 300 cm-1
Autofocus	Serstech SharpEye™ technology (0-4mm)
Spectral resolution	8-10 cm-1
Detector type	Linear CCD Array
Display	3.5" Transflective TFT with LED backlight
Memory	100 000 measurements (16 GB)
Data formats	.txt, .csv, .jcamp
Connectivity	USB C, Wi-Fi
Battery	Rechargeable - more than 8 hours of typical use
Weight	590 g (1.3 lb)
Size	149 mm x 83 mm x 28 mm (5.9 x 3.3 x 1.1")
Operating temperature	-20°C to +50°C (-4°F to 122°F)
Storage temperature	-30°C to +50°C (-22°F to 122°F)
Barcode (supported standards)	EAN13, PDF417, Code39, Data Matrix, QR code
Included accessories	Vial holder, 90° angle adapter, watertight case, protective cap with calibration target, sample vials, USB C cable, AC Adapter 5 VDC/1 A USB for Charging
Optional accessories	SERS kit to identify e.g. heroin and low concetration samples
Start-up time	Less than 20 sec. in room temperature
Scan time	Most substances less than 10 sec.
Exposure	Auto-exposure or manual exposure, 0.001 – 60 seconds.
Libraries provided	Explosives, incl. precursors; Narcotics incl. cutting agents, masking agents & precursors; Chemical Warfare Agents, incl. simu-lants; Hazardous materials, incl. toxic industrial chemicals; Pharma-ceuticals with a wide range of active pharmaceutical ingredients. Total number of substances is more than 14 000.
Warranty	1 year. Additional warranty optional.
MTBF	50 000 h
Relative humidity	5-90%
Approvals	CE, IEC 60529 IP67, MIL-STD-810G 514.6 (vibration), MIL-STD-810G 516.6 (functional shock), Title 21 CFR Part 11 compliant (Instrument and ChemDash)
Supported languages	Chinese, Danish, English, French, German, Indonesian, Italian, Japanese, Korean, Polish, Russian, Spanish, Swedish and Turkish.
Software incuded	ChemDash 2 Lite
Type of substances	Solid, liquids, powders and tablets.
Mixture analysis	Yes
Delay function	Yes, 1 second to 15 minutes.
Additional features	User authorization, event logging, scan time delay, user-defined libraries, user-added substances.

Contact Us