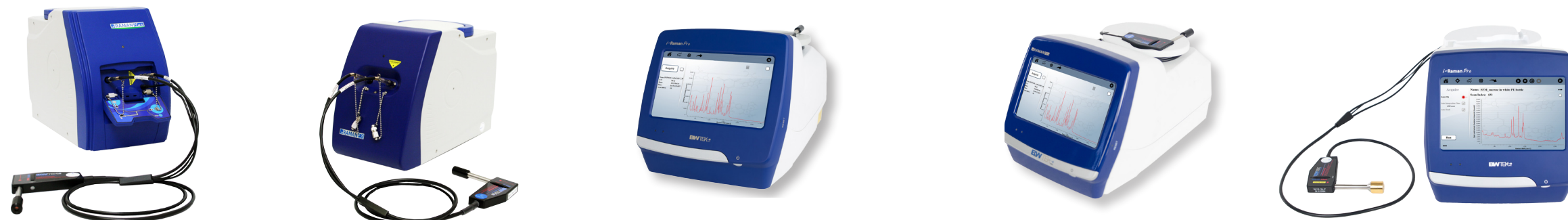


B&W Tek社 ポータブル・ラマン・システム

A Full Range of Research-Grade Raman Solutions

B&W TEK
Your Mobile Spectroscopy Partner



System:	i-Raman® Plus*		i-Raman® EX	i-Raman® Pro		i-Raman® Prime		STRam™
モデル番号	BWS465-532x	BWS465-785x	BWS485II	BWS475-532x	BWS475-785x	BWS475-532H-HT	BWS475-785x-HT	BWS475-785H-ST
レーザー波長(nm)	532	785	1064	532	785	532	785	785
レーザー出力(mW) プロープ先端参考値	30	340 nominal	330 nominal	35 nominal	340 nominal	35 nominal	340 nominal	340 nominal
レーザー出力(mW) 接続ポート参考値	42 nominal	455 nominal	430 nominal	42 nominal	455 nominal	42 nominal	455 nominal	455 nominal
波数範囲 (cm ⁻¹) 最高分解 (cm ⁻¹)	150 - 4200 < 4.5 @ 614nm	150 - 3200 < 4.5 @ 912nm	100-2500 ~10 @ 1296 nm	65 - 4200 < 4.5 @ 614nm	65 - 3350 < 4.5 @ 912nm	150 - 3400 < 8.0 @ 614 nm"	150 - 3350 < 8.0 @ 912 nm	150-2800 < 6.0 @ 912 nm
	150 - 3400 < 3.5 @ 614nm	150 - 2800 < 3.5 @ 912nm		65 - 3400 < 3.5 @ 614nm	65 - 2800 < 3.5 @ 912nm		150-2800 < 6.0 @ 912 nm	
検出器	- 2° C TE-Cooled High Quantum Efficiency CCD Array		- 15° C TE-Cooled InGaAs Array	-25° C TE-Cooled High Quantum Efficiency CCD Array				
相対スループット値**	2	1	0.2	1	1	10	5	
測定可能時間	100ms - 30mins		200 μs to 5 minutes	7 ms – 30 mins				
インターフェース	USB 3.0 / 2.0		USB 2.0 / 1.1	USB 2.0				
質量	~ 11 lbs (~ 5 kg)		~ 7.6 lbs (~ 3.4 kg)	~19.5 lbs (~8.8 kg)				

*option for 65 cm⁻¹ cut-off

** Throughput is measured in Raman peak height normalized against integration time and laser power.

Software

- BWSpec®
- BWSpec® Mobile for tablet compute
- BWID®, BWID-Pharma®/spectral libraries available
- BWIQ® chemometric software
- Software Development Kit (SDK)

Services:

- Customer Site Application Support
- IQ/OQ
- Method Development
- Library Building

Accessories:

- Immersion shafts
- Video microscope
- Cuvette holders / liquid vial holders
- Industrial grade probes
- Tablet holders
- Probe holders with positioning stage
- Full range of long working distance lenses