

Wavelength Meter (671 / 871) and Spectrum Analyzer (771 / 772)

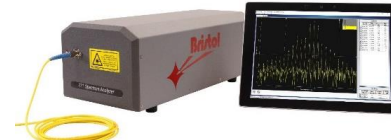
| Model / Laser Type | Wavelength Designation | Wavelength Range | W. Accuracy for model (A) or (B) | Repeatability depending on model (A) or (B) | Measurement Rate | Optical Input | Calibration |
|--|------------------------|------------------|-------------------------------------|---|-------------------------------|---------------------|--|
| wavemeter 671 cw, quasi cw (rep rate >10 MHz) | VIS | 375 - 1100 nm | 671A: ±0.2 ppm* | A: ±0.03 ppm* (A-IR: ±0.06 ppm*) B: ±0.1 ppm* | A: 4 Hz B: 10 Hz | FC/UPC or FC/APC | Continuous with built-in HeNe laser |
| | NIR | 520 - 1700 nm | | | 671B: ±0.75 ppm* | | |
| | IR | 1 - 5 μm | 1 ppm* | | | B: 2.5 Hz | |
| | 671B-MIR | 1.5 - 12 μm | | | | | |
| wavemeter 871 cw and pulsed | VIS | 375 - 1100 nm | 871A: ±0.2 ppm* | A: ±0.0075 ppm* | 1 kHz | FC/UPC | automatic with built-in wavelength standard |
| | NIR | 630 - 1700 nm | 871B: ±0.75 ppm* | B: ±0.0125 ppm* | | | |
| | 871B-NIR2 | 1000 - 2500 nm | | | | | |
| spectrum analyser | | | | Max. Resolution | | | |
| 771 cw, pulsed (rep rate > 10 MHz) | VIS | 375 - 1100 nm | A: ±0.2 ppm* | 2 GHz | > 0.5 Hz | FC/UPC or FC/APC | Continuous with built-in HeNe laser |
| | NIR | 520 - 1700 nm | | B: ±0.75 ppm* | | | |
| | IR | 1 - 5 μm | 1 ppm* @ λ > 5 μm | | | 4 GHz | |
| | MIR | 1- 12 μm | | | | | |
| 772 cw, pulsed (>50 Hz) | MIR | 1- 12 μm | ±10 ppm* | 4 GHz | 2 * (30.000 / reprete) sec | | Continuous with built-in HeNe laser |

wavelength accuracy: *ppm - "parts per million"; dh. Eine Genauigkeit von z.B. 0,2 ppm @ 500 nm entspricht einer Genauigkeit von 0,0001 nm = 0,1 pm; oder z.B. 120 MHz @ 600 THz

Für die genauen Messbedingungen unter denen die angegebenen Werte erreicht werden, stehen ausführliche Datenblätter zur Verfügung, auf die wir hiermit verweisen.



BRI-871 Series housing



BRI-671 Series and BRI-771 Series

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