

Pranalytica Laser System PoyntIR™-96 Handheld Infrared Illuminator



Parameter	Specifications ¹
Average Output Optical Power	> 20 mW
Mode of Operation	250 ms "superpulses" at 2 Hz 300 ns, 1.25 MHz individual pulses within the superpulse ²
Wavelength	~9.5 μm
Beam Divergence	5.7 mrad vertical 6.9 mrad horizontal ³
Continuous Runtime	~4.5 hrs.
Charging Time	< 2 hrs.
Size	300 mm long 72 mm max. dia. (approx.) ⁴
Weight	~ 700 g ⁴

Special Features

- Complex optical pulse trains possible, available on special order.
- Smart On/Off button, functionality may be reprogrammed on special order.
- Dedicated power lockout switch for safe storage.
- Battery drain protection feature, in case the On/Off button remains pressed indefinitely.
- Smart AC charger prevents battery over-charging.

¹All specifications are for room temperature operation.

²Other pulse trains available on special order.

³May be enhanced to a virtually collimated beam with an optional built-in collimating lens.

⁴Size and weight can be reduced at the expense of run time.