

HLSR

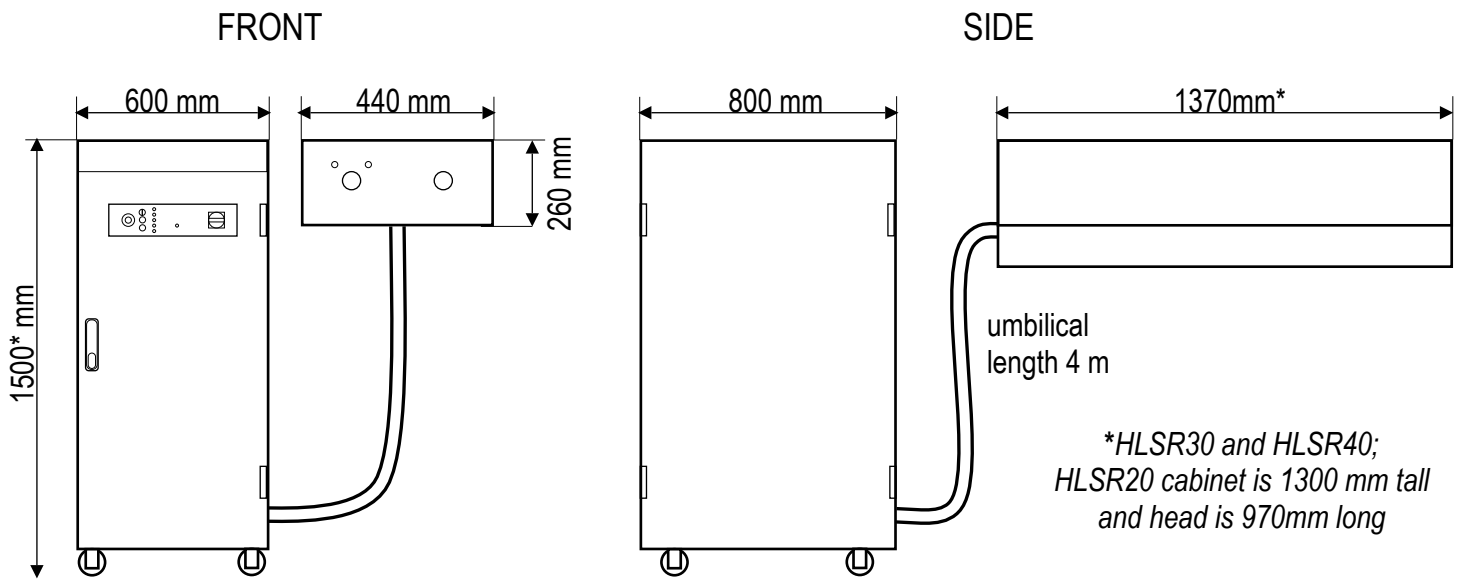
Ruby Lasers for Holography



Features

- Long coherence length
- Double pulse function built in for interferometry applications
- Individual control of double pulse energies
- Integrated laser energy display shows energy in each pulse
- Optics mounted on a unique carbon fibre structure for stability
- Spatial filter ensures smooth, even beam profile
- Simple flashlamp replacement
- Air to water chiller requires no external water supply
- PC controlled using InnoLas' intuitive software

/// *HLSR series*



Model	HLSR20	HLSR30	HLSR40
wavelength	694.3 nm		
maximum energy, single pulse	1 J	3 J	10 J
maximum energy, double pulse**	0.5 J	1.5 J	5 J
pulse length, nominal	25 nanoseconds		
maximum pulse rate	4 ppm		
separation of double pulses	1 - 800 μ s in steps of 1 μ s		
coherence length	>1 m for 90% of shots		
laser head dimensions	H 260 W 440 L 970	H 260 W 440 L 1370 mm	
power supply dimensions	W 600 D 800 H 1300	W 600 D 800 H 1500 mm	
electrical supply	230 VAC single phase		
mains frequency	50-60 Hz		
power consumption	5 kW		

** For pulse separations in the range 100 - 600 μ s

 **INNOLAS** (UK) Ltd

20 Butlers Leap | Rugby, Warwickshire | CV21 3RQ | United Kingdom
 telephone: +44 1788 550777 | Fax: +44 1788 550888
 email: sales@innolas.co.uk | www.innolas.co.uk
 ©InnoLas UK Ltd 2014

