

## RITLS – TUNABLE LIGHT SOURCE



RITLS series Tunable Light Source are pre-aligned, pre-assembled illumination systems capable of outputting monochromatic light from 200nm. This is a complete plug and play system and includes

We offers number of light sources to cover the spectral range of 200 - 2000nm which can be mounted directly to our monochromators or can be used independently. With the appropriate adapters, some of the sources can be mounted to our monochromators along with an optical chopper or filter wheel. Additional adapters and interface kits are available for focusing and launching the light directly into optical fibers.

### Specification

Lamp Type	:	Xenon/Tungsten -Halogen
Power (Watts)	:	Xenon – 150W, 300 W Tungsten -Halogen – 150 W, 250W
Spectral Range*	:	200-1600 nm
Resolution**	:	0.029 - 0.05 nm
Monochromator Focal Length (MFL)	:	100mm, 200mm, 300mm, 500mm
Optical Design	:	Czerny Turner

### Standard Models

Model No.	Description
RITLSX150-MFL	150 Watt Tunnable Xenon Light Source
RITLSX300-MFL	300 Watt Tunnable Xenon Light Source
RITLST150-MFL	150 Watt Tunnable Tungsten halogen Light Source
RITLST250-MFL	250 Watt Tunnable Tungsten halogen Light Source
RITLS- C -MFL	Customized Tunnable Light Source

\*Depends upon light source

\*\* Depends upon monochromator Configuration



Research and Science



Authentication and Anti-Counterfeit



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Contact Our Sales  
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RIFR 532/785 - Fiber  
Optic Based Raman  
System, available  
version 532 & 785 nm



**Configuration**



Light Source



Lens Holder   Filter Holder   Iris Diaphragm   Mounting Adapter   Fiber Coupling Components   Beam Turning Components   Beam Splitting Components   Filter Holder



Monochromator



Detector



Fiber Adapter



Fiber Bundles

Liquid Light Guide



Fiber Collimating Lens

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