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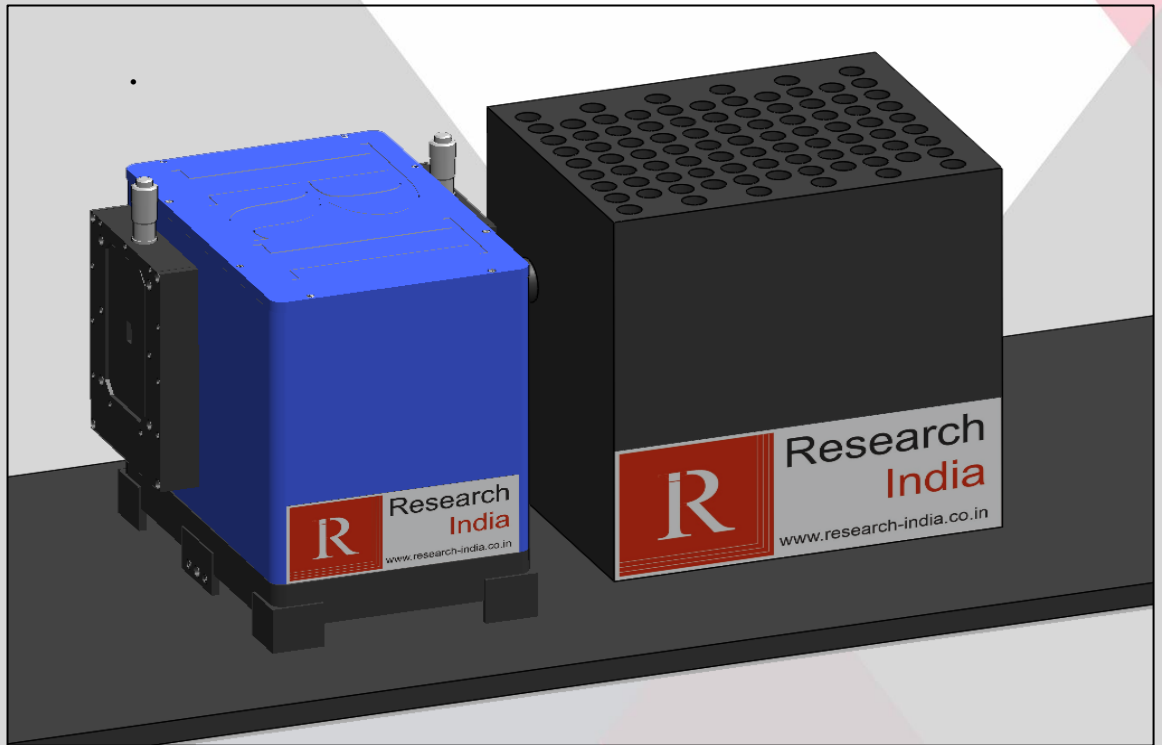
PRODUCT
CATALOGUE



One Stop Solution
For Your All Application

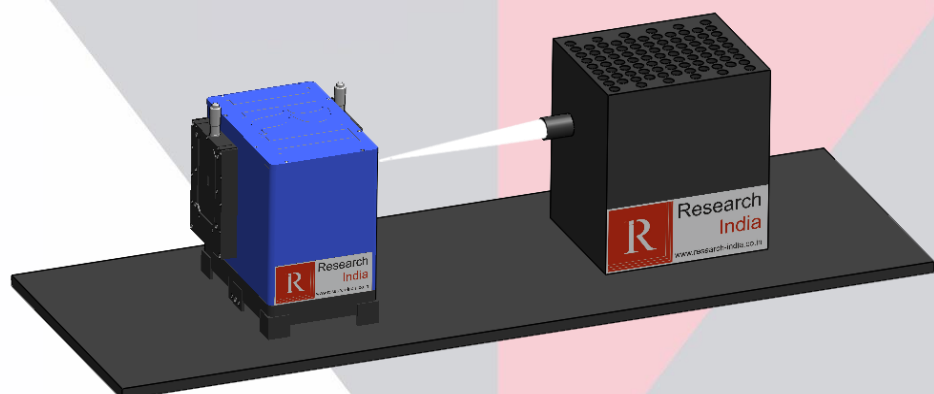
TUNABLE MONOCHROMATIC LIGHT SOURCE

150W & 300W TUNABLE MONOCHROMATIC LIGHT SOURCE



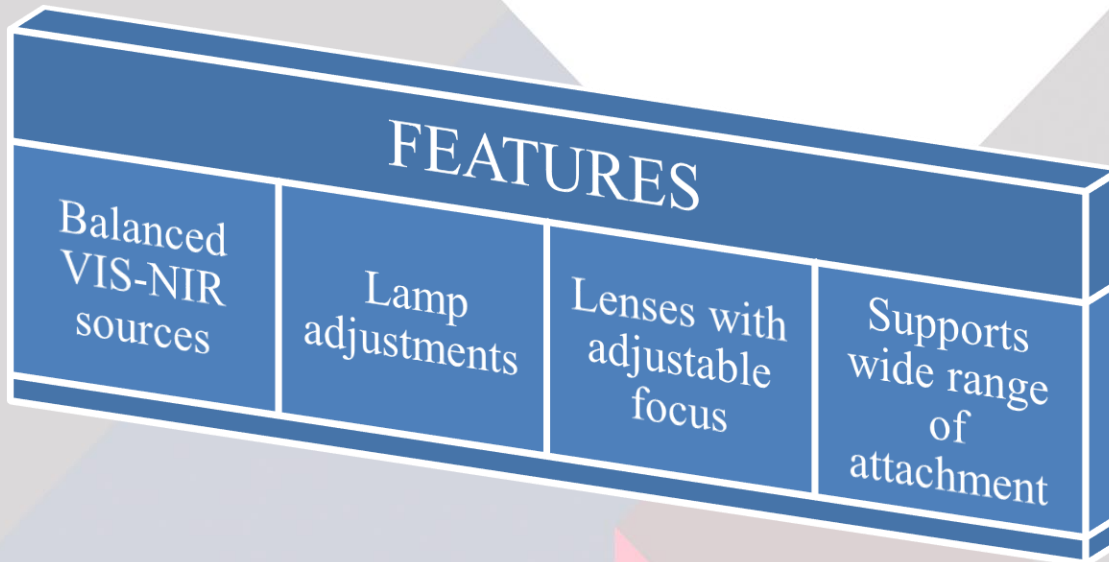
The Tuneable Light Source (TLS) are line-up, pre-assembled illumination system capable of outputting monochromatic light from 200nm. This is complete plug n play system and includes tuneable RI tuneable light source software (RI-TLSS).

Tuneable light source is composed of RI Light source & Spectrometer. It is very convenient for the customer and users who want the flexibility of a modular design & the simplicity of an integrated system.



SPECIFICATION

MODEL	Lamp type	Light ripple	Spectral range	Resolution	Bandwidth	Wavelength Accuracy	Wavelength Repeatability	Weight
RITLS-TH150	150W Tungsten-Halogen	<0.5%	350-2200nm	0.4nm@250-600nm 0.8nm@600-2200nm	0.4-16nm@250-600nm 0.8-32nm@600-2200nm	• ±0.25nm	• ±0.1nm	26kg
RITLS-X300	300W Xenon	<1%	300-2200 nm	0.08nm@250-1100nm 0.2nm@1100-2200nm	0.08-7nm@250-1100nm 0.2-14nm@1100-2200nm	• ±0.2nm	• ±0.1nm	45kg
RITLS-X300UV	300W UV Xenon	<1%	200-2200 nm	0.08nm@250-1100nm 0.2nm@1100-2200nm	0.08-7nm@250-1100nm 0.2-14nm@1100-2200nm	• ±0.2nm	• ±0.1nm	45kg



COOLING

- lamp overheats during operation.
- The property of lamps is that they heat up a lot, They require a proper temperature, To maintain this temperature, we have installed a cooling mechanism in it.

LAMP ADJUSTMENT

- It has an external adjuster which gives you accurate results. It needs to be adjusted during many operations.

Collimated Light Adapter (Optional)

Model	Mirror Coating	Spectral Range	Divergence Half-Angle	Optical Beam Size
RI-CLA5	Al	Full Wave Band	<0.3°	3-25mm
RI-CLA6	Au	IR	<0.3°	3-25mm