



[Request a Quote](#)

[< Previous page](#)



## STS-VIS Spectrometers

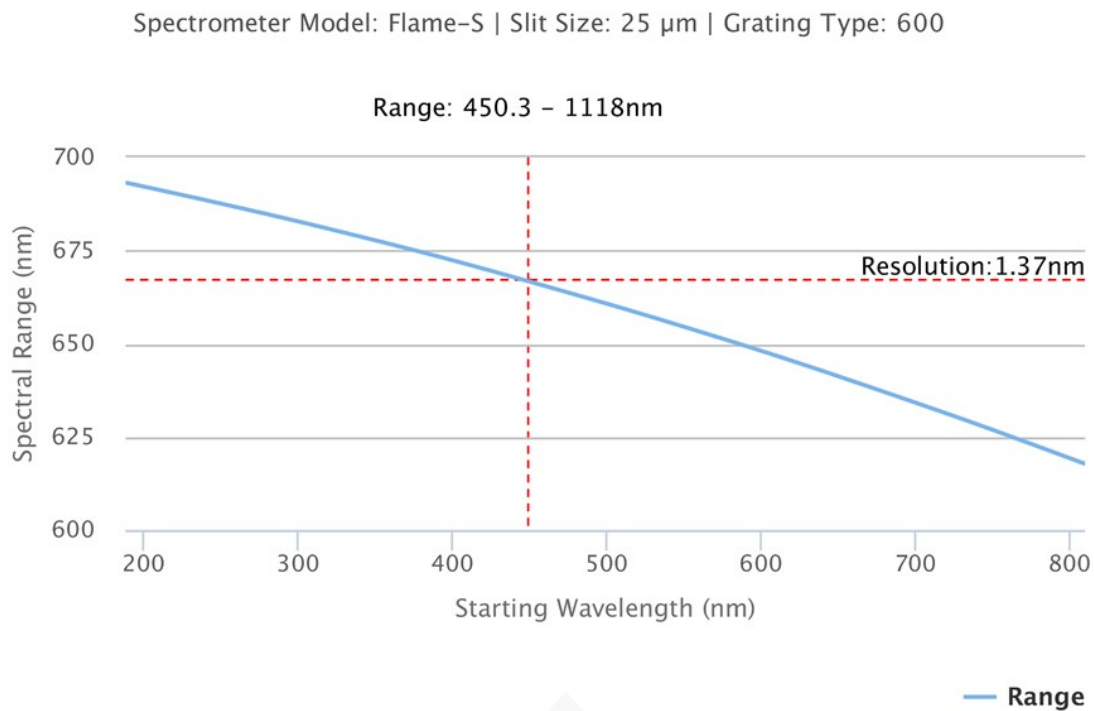
Please contact us for further details.

[Get in Touch](#)

### Details

The STS-VIS spectrometer (350-800 nm) is a versatile choice for applications ranging from low-concentration absorbance measurements to high intensity laser characterization. Its rugged design, compact size and great unit-to-unit reproducibility make STS attractive for integration into other devices and setups where a small footprint is desired.

- Cost-effective – optical resolution of 1.5 nm (FWHM) is comparable to more expensive setups
- Reproducible – attractive design for integration and scalability
- Multiple slit options -- STS-VIS models are available with 10  $\mu\text{m}$ , 25  $\mu\text{m}$ , 50  $\mu\text{m}$ , 100  $\mu\text{m}$  or 200  $\mu\text{m}$  slits



## Spectrometer Range & Resolution Calculator >

Take advantage of our technical guidance and this interactive spectrometer range-resolution tool.

# Specifications

Select model to see full specifications

## Spectroscopy:

**Wavelength Range:**

350nm - 800nm

---

**Optical Resolution:**

1.5 nm

12.0 nm

3.0 nm

6.0 nm

---

**Integration Time:**

10 $\mu$ s - 10s

---

**Dark Noise:**

$\leq 3$  counts RMS

---

**Dynamic Range:**

5 x 10<sup>9</sup> (system

10 s max integration)

~4600 single acquisition

---

**Input Fiber Connector:**

SMA 905

---

**Signal to Noise Ratio:**

>1500:1 (full signal)

---

**Stray light:**

$\leq 0.25\%$

---

## Detector:

**Detector:**

CMOS

---

**Entrance slit:**

10  $\mu\text{m}$   
100  $\mu\text{m}$   
200  $\mu\text{m}$   
25  $\mu\text{m}$   
50  $\mu\text{m}$

---

**Detector Collection Lens:**

No

---

**Physical:****Dimensions:**

40 mm x 42 mm x 24 mm

---

**Weight:**

~ 60 g

Show less



## Related Products

EDU-STIS-VIS-PACK >

Item Code: EDU-STIS-VIS-PACK

## Flame VIS-NIR Spectrometers >

Options available

From \$3,412.00

## OCEAN-HDX-VIS-NIR >

Item Code: OCEAN-HDX-VIS-NIR

# Accessories



## Tungsten Halogen Light Sources >

Options available

From \$757.00