

HST-DB566 – Deuterium and Tungsten Halogen Fiber Coupled Light Source

Standalone bench top light source for all your photonic needs

The Heraeus HST-DB566 light source has deuterium and tungsten halogen lamps designed to provide spectral output from 190 nm to 2,500 nm. Coupled with a convenient SMA fiber connection, the table top light source offers ease and flexibility for spectroscopic and photon applications. The HST-DB566 utilizes the latest technology in deuterium lamps that offers higher intensity, longer life and reduced noise.

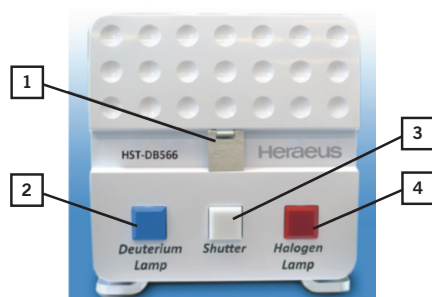
HST-DB566 Benefits

- External control – With a DB-15 and USB port on the rear panel, the light source can be controlled by an external control interface or through the UVSource software.
- Built-in diagnostics – The front panel indicator lights give unique flashing patterns indicating when a fault occurs or when the lamps need replacement.
- Unprecedented simplicity – The user-friendly design is both easy to use and highly reliable.

Specifications: HST-DB566

Operator Interface:

1. SMA 905 connector (behind metal flap)
2. D2 lamp switch (blue)
3. Shutter switch (white)
4. Tungsten-Halogen lamp switch (red)



Rear Panel Connectors:

1. Power inlet
2. On/Off switch
3. USB-B input port
4. USB-A output port (2)
5. External controller DB-15 connector

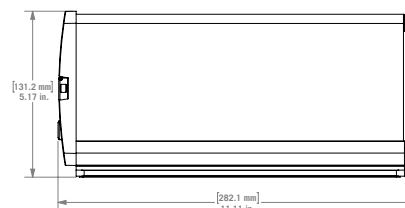
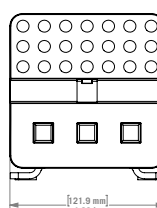
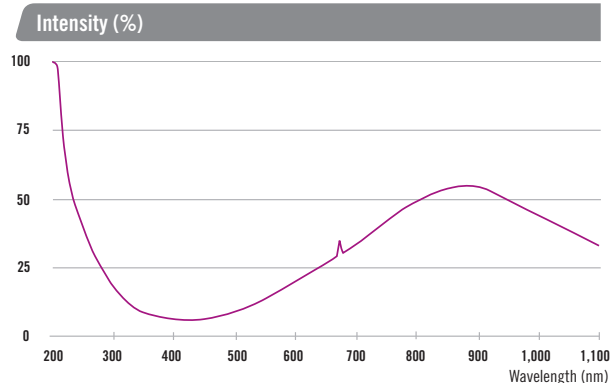


Benefits at a glance:

- Standalone light source.
- UV to near infrared light output for spectroscopy, metrology or photochemistry.
- Better signal to noise ratio.
- DB-15 external control option.
- USB, software external control option.
- Small, lightweight design.
- SMA 905 connection for all your photonic needs.

Specifications

Electrical	Voltage: 100–240 VAC, 50–60 Hz, Power consumption: 100 W maximum, Fuse provided: 1.5 A, 250 V
Operating Temperature	0–40 °C
Relative Humidity	80% Relative humidity, no condensation
System Dimensions	121.9 mm (4.80 in.) wide x 282.1 mm (11.11 in.) long x 131.2 mm (5.17 in.) high
Weight	5.5 lbs
Output	190–2,500 nm, deuterium and tungsten halogen operated separately
Shutter	Separate control
Light exit	Fiber connection, SMA 905
Warm-up time	Approx. 15 minutes
Lifetime	~2,000 hours for deuterium, ~1,200 for tungsten halogen



www.heraeus-noblelight.com

Europe, Middle East, Africa, Rest of World*

Heraeus Noblelight GmbH

Heraeusstraße 12-14

63450, Hanau, Germany

Phone +49 6181 35 5086

Fax +49 6181 35 7970

hng-analyticalamps@heraeus.com

America*

Heraeus Noblelight America LLC

1520C Broadmoor Blvd.

Buford 30518, GA, USA

Phone +1 678 835 5681

Fax +1 678 835 5766

info.hna.aa@heraeus.com

Asia-Pacific, Oceania*

Heraeus Noblelight (Shenyang) Ltd.

Shanghai Branch

2F, 5th Building 5

No. 406, Guilin Rd, Xuhui District

Shanghai 200233, P.R. China

Phone +86 21 5445 2255

Fax +86 21 5445 2410

info.hns@heraeus.com

*For local contacts please visit <http://www.heraeus-noblelight.com/en/contact/worldmap.aspx>