

DEUTERIUM AND TUNGSTEN COMBINATION LIGHT SOURCE



- Rugged
- Long Life
- Optional Filter Holder
- Optional Shutter

Specifications:

Wavelength Distribution Range	190 - 410 nm (D-1000); 190 - 850 nm (DT-1000)
Window Material	UV glass 0.4 mm thick
Lamp Lifetime(minimum)	1000 hours deuterium, 250 - 500 hours tungsten halogen
Aperture Size	0.5 mm at lamp or 2.0 mm for combination units. Remote Heads have 0 to full open adjustment
Filter Size	Optional Standard filters 50 mm X 50 mm glass One filter on D-1000 or DT-1000 units Up to four filters on Remote Head Assembly
Power Consumption	30 W
Lamp Voltage	85 V DC, nominal
Operating Lamp Current	300 mA dc (+/- 1mA)
Warm-up Time	30 seconds
Timing	Microprocessor based
Input	Trigger inputs for Deuterium on/off, Tungsten on/off Shutter open/close
Outputs	Status Levels for: Main power, Deuterium Heater Tungsten Lamp, on/off, Shutter open on/off
Power Requirements	120 V AC at 0.50 A, 50/60 Hz; 220 V AC at 0.25 A, 50/60 Hz; 100 V AC at 0.60 A, 50/60 Hz; 240 V AC at 0.20 50/60 Hz.

Control Development, Inc. reserves the right to change specifications without notice.

Price Starting At \$1,725.00

ORDERING INFORMATION

Part Numbers:

D-1000	Deuterium Light Source (190nm - 410nm)	DT-1000	Deuterium Tungsten Light Source (190nm - 410nm)
D-1000s	Deuterium Light Source with electronic shutter	DT-1000s	Deuterium Light Source with electronic shutter
D-1000REM	Deuterium Light Source with remote optic head assembly, includes aperture wheel and filter holders	DT-1000REM	Deuterium Light Source with remote optic head assembly, includes aperture wheel and filter holders

Price:

D-1000	\$1,725.00	DT-1000	\$1,939.00
D-1000s	\$1,939.00	DT-1000S	\$2,195.00
D-1000REM	\$2,495.00	DT-1000REM	\$2,595.00



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