

# ◆ Cold Cathode UV LAMP ◆



## Small-Sized Ultraviolet Lamp

It has long been known that the ultraviolet rays of sunlight have a bactericidal action. This is a cold-cathode sterilization lamp designed to efficiently generate wavelengths around 254 nm with the highest sterilization capability in that wavelength range. Custom cable processing is possible. Please consult us.

## Application

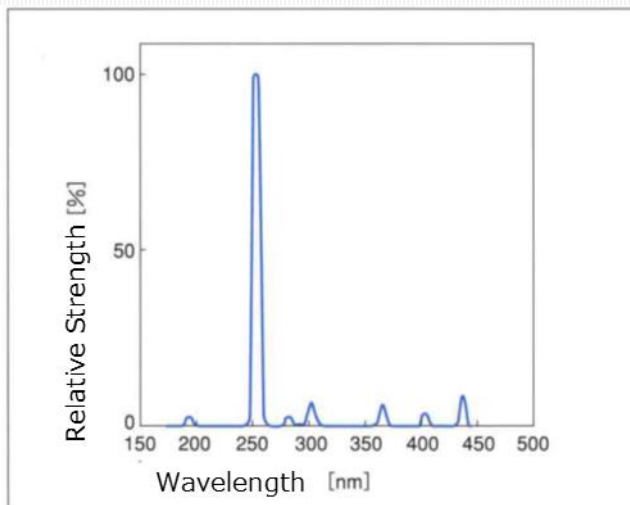
Hygiene, barber, medical sterilization, food sterilization, container / equipment sterilization, refrigerator sterilization, water sterilization, other light sources for measuring instruments

\* Applicable inverter is "DHE1105B" series.  
5V, 12V and 24V are available.  
A, B and C types are available depending on the lamp length.

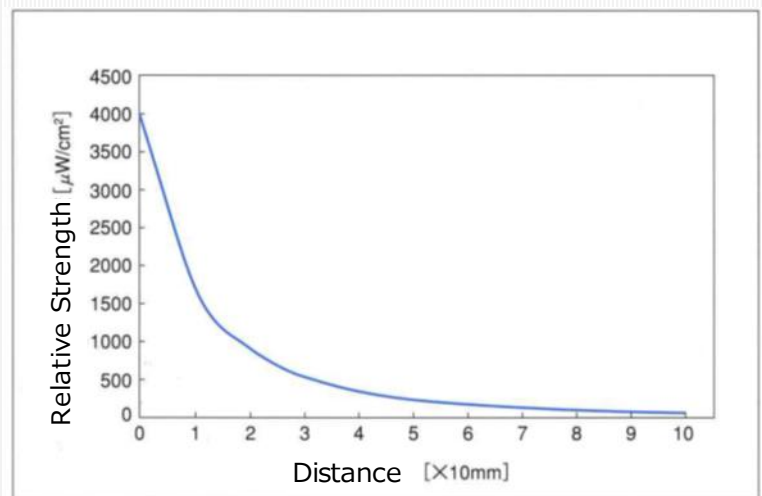
## TCG30 Series Specification Table

Model	Pipe Diameter [mm]	Tube Length [mm]	Lamp Voltage [Vrms]	Lamp Current [mA rms]	Lamp Power [W]	Discharge Start Voltage [Vrms] Max	254nm Strength ( $\mu\text{W}/\text{cm}^2$ ) (d=0mm)	Ave. Life [Hrs]
TCG30-03003A	3.0	30	160	5.0	0.80	600	3,000	10,000
TCG30-04003A	3.0	40	200	5.0	1.00	650	4,000	10,000
TCG30-05001C	3.0	50	240	5.0	1.20	500	4,000	10,000
TCG30-07501A	3.0	75	260	5.0	1.30	650	4,000	10,000
TCG30-10001B	3.0	100	330	5.0	1.50	700	4,000	10,000
TCG30-15002B	3.0	150	370	5.0	1.95	800	4,000	10,000

## Spectral distribution



## UV intensity



\* Specifications and appearance are subject to change without notice for improvement.



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