

## PearlSense™ T UV Transmittance Monitors

### Eliminate drift from multiple lamps and sensors

- Save money and get stable readings with ultra-long life UV-C LED light source
- Be more versatile—mount inline, in an open channel, or use as a handheld unit

Ultraviolet radiation is a cost-effective method for wastewater and water disinfection—merges lamp and sensor for elimination of drift. Lamp does not require warm-up time, so on/off is instantaneous and measurements are available immediately on the backlit LCD.

Online meters can be used in high-purity monitoring, or use the self-cleaning model for murky conditions. Offline model is portable and battery-operated—perfect to grab sample readings!

**What's included:** battery charger (offline model), connection cable (online models), and cleaning kit (cloth and cotton swabs).



#### Specifications

<b>Light source:</b> UV-LED	<b>Temperature range:</b> 32 to 122° (0 to 50°C)
<b>Wavelength/pathlength:</b> 254 nm at 1 cm	<b>Measuring interval:</b> every 60 seconds (online models only) or manually controlled
<b>Accuracy:</b> ±1.0% T	<b>Process connection:</b> 1.5 sanitary Tri-Clamp® (online models only)
<b>Repeatability:</b> ±0.1% T	
<b>Resolution:</b> 0.1% T	

Description	Range (% T)	Output	Power	Catalog number	Price
Offline, portable	10 to 100	—	Rechargeable battery	<a href="#">GH-99522-02</a>	
Online, high-purity	95 to 100	4 to 20 mA	24 VDC	<a href="#">GH-99522-04</a>	
Online, self-cleaning	10 to 100	4 to 20 mA	24 VDC	<a href="#">GH-99522-06</a>	

[GH-99522-50](#) Carrying case, foam lined canvas, for portable/offline unit

### Need Help Selecting?

Trust our **expert** Application Specialists to help you find the right product.



Kim, 12 years of experience

Call: 800-323-4340      E-mail: [sales@coleparmer.com](mailto:sales@coleparmer.com)

## Cole-Parmer® Dye Tracers

### Know your water flow

- Won't harm the environment—nontoxic and biodegradable
- Easy-to-use color in rapidly diffusing dye identifies dispersion patterns, flow rates, seepage, and more
- Noncarcinogenic fluorescent red dye is ideal for yellowed or heavily algaea water
- For silt-filled water, use fluorescent yellow/green dye
- Use a UV lamp (page 975) to easily view results where visual detection is difficult with red, yellow/green, or orange dyes
- Brighten murky ponds with blue dye
- Minimum detectable concentration is 1 ppm



Description	Size	Max gallons of water to obtain 1 ppm	Fluorescent red dye		Fluorescent yellow/green dye		Blue dye		Fluorescent orange dye	
			Catalog number	Price	Catalog number	Price	Catalog number	Price	Catalog number	Price
Quick-dissolving tablets	200 tablets	60 (red, ylw/grn) 35 (orange) 20 (blue) all per tablet	<a href="#">GH-00295-16</a>		<a href="#">GH-00295-17</a>		<a href="#">GH-00295-18</a>		<a href="#">GH-00295-19</a>	
Concentrate	Pint	3,125 (red) 12,500 (ylw/grn, blue) 4,000 (orange)	<a href="#">GH-00298-16</a>		<a href="#">GH-00298-17</a>		<a href="#">GH-00298-18</a>		<a href="#">GH-00298-19</a>	
Concentrate	Gallon	25,000 (red) 100,000 (ylw/grn, blue) 32,000 (orange)	<a href="#">GH-00298-06</a>		<a href="#">GH-00298-07</a>		<a href="#">GH-00298-08</a>		<a href="#">GH-00298-09</a>	
Powder	Pound	60,400 (red, orange) 120,000 (ylw/grn, blue)	<a href="#">GH-00298-26</a>		<a href="#">GH-00298-27</a>		<a href="#">GH-00298-28</a>		<a href="#">GH-00298-29</a>	

\*Discount: Save 10% when you buy eight 200-tablet bottles.