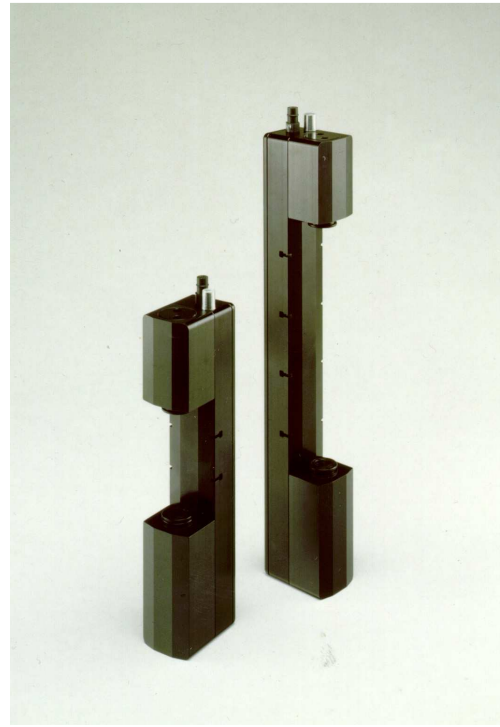


WET Labs' latest generation C-Star Transmissometer offers versatility in applications with high resolution RS-232 data output. The new C-Star maintains its robust mechanical design.

- ✓ 14 bit analog and digital output
- ✓ Outputs calculated attenuation
- ✓ ECOView software included
- ✓ Compatible with previous generations
- ✓ Optional flow tube
- ✓ 10 and 25 cm pathlengths available
- ✓ Available in 6000 meter depth rating
- ✓ Easily interfaced
- ✓ Available in multiple wavelengths



## Specifications

### Mechanical

<i>25 cm pathlength</i>	47 x 6.4 x 9.3 cm
<i>10 cm pathlength</i>	29.2 x 6.4 x 9.3 cm
	2.2 kg (plastic)
<i>Weight in air</i>	3.6 kg (aluminum)
	0.9 kg (plastic)
<i>Weight in water</i>	2.7 kg (aluminum)

### Optical

<i>Pathlength</i>	25 or 10 cm
<i>Wavelengths</i>	370, 470, 530 or 650 nm
<i>Acceptance angle</i>	~1 deg
<i>Bandwidth, 470, 530, 660 nm</i>	~ 20 nm
<i>Bandwidth, 370 nm</i>	~ 10–12 nm
<i>Linearity</i>	99% R <sup>2</sup>

### Electrical

<i>Power input</i>	7–15 VDC
<i>Current draw</i>	< 35 mA (typ); 50 mA (max)
<i>Data output</i>	0–16380 counts (0–5 V)
<i>Output resolution</i>	14 bit
<i>Sample rate</i>	to 8 Hz

### Environmental

<i>Rated depth</i>	600 m (plastic) 6000 m (aluminum)
<i>Temperature error</i>	0.02 percent F.S./deg C
<i>Operating range</i>	0–40 deg C
<i>Long term stability</i>	0.02 percent F.S./Hr

*Specifications are subject to change without notice.*