

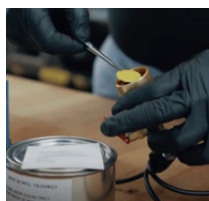
FEATURES

- 0 to 50 ppm Free Water Measurement
- 0.1 pp, resolution
- LED Light Source
- Two-Line, 8 characters per line, backlit Display
- 3 second update rate
- Simple with little or no Instruction needed
- Supplied with Verification Shuttle (10 years Life)
- ASTM D3240
- No calibration (if within Valid Verification test or 10 years)
- Military Environment Tested – Shock, Vibration, Environmental
- 500ml Sample Volume
- In Field Operation



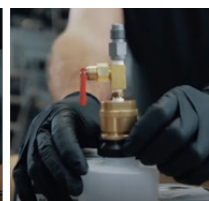
OPERATION

Using the optional membrane holder and sample bottle, collect 500ml of sample, which passes through a consumable Fluorescein test pad. Remove the test pad, with the supplied tweezers blot the pad to remove excess fuel and insert into the sample Shuttle. Slide the shuttle into the slot at the front of the Hydrolight and within 6 seconds the free water content of the collected fuel will be reported in PPM on the top Line of the display. Every 3 seconds, the top line is updated and the bottom-line alternates between Calibration Date performed, Firmware Version, Measurement Mode, and the Ambient Temperature. The instrument continually samples after it has been powered on. It is recommended that the first reading is discarded due to the unknown time of the sample process at insertion of the shuttle. The next update will consist of a full sample period time.



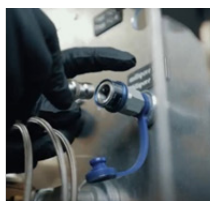
STEP 1

Insert Pad into Holder



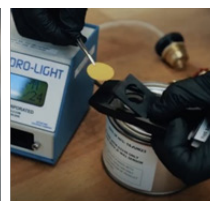
STEP 2

Attach Holder to Sample Bottle



STEP 3

Connect Sample Hose to System & Collect 500ml



STEP 4

Place Pad into Shuttle



STEP 5

Insert Shuttle

TECHNICAL DATA

Measurement Technology:	LED Source Amplified Photodiode Receiver Microprocessor Controlled All Solid-State Electronics
Display:	Two-Line, backlit LCD,
Time to Read/Update:	<3s
Range:	0 to 50 ppm
Precision:	+/- 0.5 ppm (follows ASTM D3240 r & R)
Resolution:	0.1 ppm
Calibration:	Supplied with Verification Shuttle with 10 Year Life
Pad Specifications:	25mm Pad with Fluorescein Dye

INFORMATION

The Hydrolight is manufactured by D-2 Incorporated, USA..

PART NUMBER

12400001