

Oil Content Analyzer

Accurate results with the touch of a button

- Easy to use:
 - Extract sample with S-316 solvent
 - Transfer oil/solvent solution to analyzer for measurement
- Accurate measurements to 0.1ppm
- Maintain accuracy with auto-calibration after initial standard reading
- Get data on LCD or transfer to computer via RS-232 for further analysis

What's included: quartz cell with cap, power cord, B-heavy oil (standard), 2-amp fuse, 10-mL syringe, and 25- μ L syringe.



ISO9001:2008
CERTIFIED SUPPLIER

Specifications

Display mode	Measurement capability		
	Range	Resolution	Repeatability
Full scale	0 to 9.9	0.1	± 0.4
	10 to 99.9	0.1	± 0.2
	100 to 200	1	± 4
0 to 200 mg/L	0 to 9.99	0.01	—
	10 to 99.9	0.1	—
	100 to 1000	1	—
0 to 1000 mg/kg	0 to 9.99	0.01	—
	10 to 99.9	0.1	—
	100 to 1000	1	—
0 to 1 Absorbance	0 to 1000	0.001	$\pm 1\%$ full-scale

Power	115 VAC, 60 Hz	230 VAC, 50 Hz
Catalog number	GY-82900-00	GY-82900-05
Cell	Quartz, 200 mm path length	
Detector	Pyroelectric sensor	
Solvent	S-316, approx. 6.7 mL/test	
Output	RS-232 and centronics printer port	
Power	115 VAC, 60 Hz	230 VAC, 50 Hz
Price		

[GY-82900-10](#) Solvent extractant S-316, 1.5 kg

[GY-82900-20](#) Solvent reclaimer SR-300

Cole-Parmer® Single Glass and Quartz Cuvettes

Fit your needs precisely

- Standard-sized cuvettes are the type most often used for routine laboratory testing
- Cylindrical cuvettes are ideal for applications requiring large sample windows and volumes

What's included: PTFE cover.

Cylindrical cuvette
83304-06
shown with
two stoppers



Standard-sized cuvette 83301-03
shown with cover



Specifications

Glass (visible):

% Transmission: over 80% at 365 nm

Quartz (UV):

% Transmission: over 80% at 200 nm

Capacity (mL)	Path-length (mm)	No. of clear sides	Dimensions W x H x D (mm)	Top	Glass (visible)		Quartz (UV)	
					Catalog number	Price/ea	Catalog number	Price/ea
Standard-sized cuvettes								
0.4	1	2	12.5 x 45 x 3.5	PTFE cover	GY-83301-00		GY-83301-10	
0.7	2		12.5 x 45 x 4.5		GY-83301-01		GY-83301-11	
1.7	5		12.5 x 45 x 7.5		GY-83301-02		GY-83301-12	
3.5	10		12.5 x 45 x 12.5		GY-83301-03		GY-83301-13	
7.0	20	2	12.5 x 45 x 22.5	PTFE cover	GY-83301-04		GY-83301-14	
10.5	30		12.5 x 45 x 32.5		GY-83301-05		GY-83301-15	
14.0	40		12.5 x 45 x 42.5		GY-83301-06		GY-83301-16	
17.5	50		12.5 x 45 x 52		GY-83301-07		GY-83301-17	
Fluorimeter cuvettes								
1.7	5	4	12.5 x 45 x 7.5	PTFE cover	GY-83303-02		GY-83303-12	
3.5	10		12.5 x 45 x 12.5		GY-83303-03		GY-83303-13	
7.0	20		12.5 x 45 x 22.5		GY-83303-04		GY-83303-14	
10.5	40		12.5 x 45 x 42.5		GY-83303-06		GY-83303-16	
14.0	50	4	12.5 x 45 x 52.5	PTFE cover	GY-83303-07		GY-83303-17	
Cylindrical cuvettes								
14.1	50	2	22 mm dia.	Stoppers (2)	GY-83304-06		GY-83304-16	
28.2	100				GY-83304-07		GY-83304-17	