

## Orion™ AQUAfast™ COD165 Thermoreactor

Conduct environmental and wastewater monitoring with the Thermo Scientific™ Orion™ AQUAfast™ COD165 Thermoreactor. It automatically detects incoming wall voltage and frequency so there are no switches for the user to set before powering. Simply place the sample tubes into the digester wells, cover with the hinged safety shield, set the temperature/time and let the samples digest.



### Features:

- Temperature settings for 100°C, 120°C, 150°C, 160°C and 165°C
- Program automatic shutoff with preset times of 30, 60, and 120 minutes or use continuous temperature mode for manual temperature control
- Automatic selection of voltage from 90V to 260V and frequency from 50/60Hz with appropriate power cable for US/Canada, EU and China (included)

Ordering Alerts: Accessories include COD Test Kits (Range 0 to 150ppm, CODL00; Range 0 to 1500ppm, CODH00; Range 0 to 15,000ppm, CODHP0) and COD Standards (Range 1000ppm, CODS01; Range 10,000ppm, CODS10).

### Specifications:

Accuracy	±0.2 end of scale %
Description	COD165 Thermoreactor
Hertz	50/60Hz
Sample Size	Up to 25 Digestion Tubes, 16mm diameter
Voltage	100 to 220V
Weight (English)	127 oz.
Weight (Metric)	3.6kg
Heating Block Temperature Homogeneity	±0.5°C
Heating Block Temperature Precision	±0.1°C
Heating Block Temperature Stability	±0.5°C
Item Description	AQUAfast COD165 Thermoreactor
Over-Temperature Protection	Yes
Safety Cover	Clear plastic, hinged to flip up for loading and unloading
Temperature Probe	Pt100 class A
Temperature Probe Calibration	Automatic by software



Temperature Selection	100, 120, 150, 160 or 165°C
Thermoregulator	PID microprocessor
Time Selection	30, 60, 120 min. or continuous
Wattage	400w
Electrical Requirements	100 to 220V 50/60Hz