paralab

CDS Analytical

CDS 4000

Specifications:

Programmable Time:	0 - 999.9 minutes
Trap:	No
Temperature Range:	Up to 1300°C
Temperature Accuracy:	1°C
Heating Rate:	0.01°C/ms to 20°C/ms 0.01°C/sec to 999.9°C/sec 0.01°C/min to 999.9°C/min
Probe Clean:	Yes
Probe Dry:	Yes
Multi-Temperature Steps:	No
Interface Type:	Low Thermal Mass
Interface Temperature:	Up to 350°C
Interface Heating Rate:	1°C/min to 100°C/min
GC Connection:	Injection Port Direct Mount
Weight:	
Dimension (W x H x D):	25 cm x 44cm x 46 cm
Options:	None

CDS 6150

Specifications:

DISC Technology:	Standard
Trap:	No
Temperature Range:	Up to 1300°C
Temperature Accuracy:	0.1°C
Heating Rate:	0.01°C/ms to 20°C/ms 0.01°C/sec to 999.9°C/sec 0.01°C/min to 999.9°C/min
RSD:	1.5% (Polystyrene)
Multi-Temperature Steps:	Yes, Up to 10 temperature profiles. Allows for multiple thermal desorption or pyrolysis steps on each sample
GC Connection:	Heated Transfer line (up to 350°C)
Weight:	16.3 kg
Dimension (W x H x D):	381 mm X 292 mm X 406 mm
Options:	Autosampler 1/2" Coil Probe 1/4" Ribbon Probe 1/4" Coil Probe FT-IR Probe (Brill Cell)

DISC Module

Specifications:

Temperature Range:	Programmable to 1300°C
Heating Rate:	Programmable from 0.01°C/s to 20°C/s
Interface Temerature:	From ambient up to 300°C
Compatibility:	6150, 6200
Weight:	1.5 kg
Dimension (W x H x D):	4" X 5" X 3"
Options:	Autosampler

Autosampler Module

Specifications:

Number of Positions:	48
Dynamic Loading:	Yes, with infinite samples
Compatibility:	6150, 6200 with DISC Option
Gas Requirement:	Yes, >15 psi pressure required
Weight:	12 kg
Dimension (W x H x D):	10" X 9" X 18"
Options:	High Speed Temperature Sensor

paralab

CDS Analytical

CDS 5200 HPR

Specifications:

Programmable Time:	0 - 999.9 minutes
Trap:	Yes, Standard Tenax-TA
	Cryotrap available
Temperature Range:	Up to 1400°C
Temperature Accuracy:	1°C
Heating Rate:	0.01°C/ms to 20°C/ms
	0.01°C/sec to 999.9°C/sec
	0.01°C/min to 999.9°C/min
Probe Clean:	Yes. User-selectable.
Probe Dry:	Yes. User-selectable.
System Max Pressure:	500 PSI (3.4 MPa)
Reactor Max Temperature:	800°C
Catalyst Volume:	6 mm X 75 mm (2 ml total volume)
Interface Type:	Low Thermal Mass
Interface Temperature:	Up to 350°C
Interface Heating Rate:	1°C/min to 100°C/min
GC Connection:	Heated Transfer line (up to 350°C)
Weight:	25 kg
Dimension (W x H x D):	280 mm X 670 mm X 480 mm
Options:	Steam, Cryotrap

Photoprobe

Specifications:

Wavelength:	260 - 400 nm
Light Intensity:	800 mW/mm2
Light Control:	0-100% (1% step)
Compatibility:	6150, 6200 with Autosampler
Weight:	1 kg
Dimension (W x H x D):	4" X 5" X 3"
Options:	Calibration Sensor