

Technical Data -CFPP-Cold Filter Plugging Point - Callisto 100

Standard methods	
ASTM D6371, EN 116, EN 16329, JIS K 2288, IP 309	
Operation:	
Detection	2 infrared contactless detection barriers
Temperature range of measuring chamber	- 70 °C to 48 °C (accuracy according to applied standard test method)
Measuring range	-60 °C to 45 °C
Vacuum	Electronically controlled
Cooling profiles	Programmable stepped or linear (from 6 °C/h to 100 °C/h)
Temperature measurement	°C or °F, Pt100
Cleaning	Programmable cleaning cycles
Password security	Multi-level password protection
Calibration	Automatic calibration routine for sample and jacket temperature and vacuum measurement
	Temperature probe correction table
Documentation:	
Data memory	1000 results
	90 user-defined programs
Data export	Export of measurement results to memory stick (PDF, XLS)
	Printout of data on a ticket printer or all supported Anton Paar printers
Interfaces	3x USB (back), 1x USB (front), 1x RS232, 1x LAN, 1x VGA
Data input	options Bar code reader, keyboard, mouse
Display	Color touchscreen
Requirements and dimensions:	
External cooling unit	User-supplied or available from Anton Paar as an accessory Cooling power: 280 W at -20 °C
Cooling liquid connections	Hose nozzles with inner diameter 8 mm (0.3 inches)
Cooling liquid volume	Water or water-glycol mixture (ratio 3:2)
Flow volume of cooling liquid	3 L/min (at counter-cooling temperature)
Temperature of the coolant	-23 °C to 10 °C working range
Coolant	-20 °C to -23 °C: jacket temperature down to -70 °C
	-10 °C or lower: jacket temperature down to -51 °C
	10 °C or lower: jacket temperature down to -34 °C