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TECHNOLOGY GROUP

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Full-service, independent repair center
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Perkin Elmer Pyris 6 DSC* at our website: ***Click HERE***

Pyris 6 DSC

Differential Scanning Calorimeter

OPERATION

DSC Type	Disc-type heat flux design
DSC Cell	Low mass furnace with rust-free solid metal
Sensor	Precisely machined disc of Chromel alloy (90% Nickel/10% Chromium)
Atmosphere	Static or dynamic, including nitrogen, argon, helium, carbon dioxide, air, oxygen or other inert or active gases, over full temperature range.
Calorimetry	Accuracy Better than ±2% Precision Better than ±1%
Sensitivity	Digital resolution 0.6 µW Detectable peak 2 µW
Dynamic range	±250 mW
Isothermal Drift (10 min)	100˚C < 3µW 400˚C < 5µW
Signal Response	1 mg Indium, 10˚C/min, Nitrogen purge Peak Height 7 mW Width at half height 0.6˚C H/W Ratio 11.7 mW/˚C
Temperature range	-120˚C to +450˚C
Temperature	Accuracy ±0.2˚C Precision ±0.1˚C
Scan Rates	Heating 0.1˚C to 100˚C/min Cooling 0.1˚C to 100˚C/min
Cooling Time	300˚C to 50˚C Under 7 minutes using C6 Chiller
Built-in Gas Controller	Precise mass flow controller, and gas switch from gas A to gas B Gas type Pre-calibrated for N_2, O_2 and air Pressure range 0.5 to 4 bar Flow rate range 1 to 200 ml/min Flow rate accuracy ± 1 ml/min Time constant < 1 second
Cooling Options	Circulating Liquid (C6 Chiller) Cryostat Liquid N_2 Gas
User Control	Pyris™ Software for Windows®
Autosampler	Up to 45 samples can be run unattended, and samples can be added anytime. Customize your sample runs through our Pyris Player software to increase productivity.

PerkinElmer™
instruments.

Sample Pans

Type	Material	Pressure Rating
Standard	Aluminum Gold, Platinum, Copper, Graphite Aluminum oxide	Ambient
Sealed	Aluminum, Gold	2 atmospheres
Large Volume	Stainless Steel	24 atmospheres
High Pressure	Stainless Steel Gold plated Stainless Steel, Titanium	150 atmospheres
Robotic	Aluminum, Gold	Ambient, vented 1 & 2 atmospheres
Quality Assurance	Developed under ISO 9001	
Dimensions (HxWxD)	17 cm x 36 cm x 40 cm (6.7 x 14.2 x 15.7 in)	
Weight	13 kg (29 lbs)	
Power Requirement	100-240 Volts, 50/60 Hz	

Ordering Information

Part Number	Description
N520-0080	Pyris 6 DSC Instrument (100/115/230v)
N537-0070	Pyris 6 DSC Lab System (100/115/230v)
N537-0071	Pyris 6 DSC with AS6 Autosampler Lab System (100/115/230v)

To order or request additional information on the Pyris 6 DSC, please contact PerkinElmer or your local representative.



PerkinElmer™
instruments.

PerkinElmer Instruments
761 Main Avenue
Norwalk, CT 06859-0010 USA
Tel: 800-762-4000 or
(+1) 203-762-4000
Fax: (+1) 203-762-4228

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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