

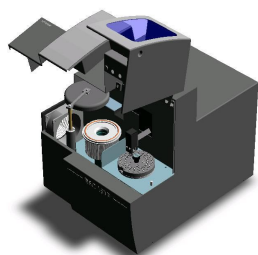
DSC 151R: New Auto Sampler DSC

For thermal analysis investigation automation, SETARAM has developed a new easy-of-use and cost-effective auto sampler DSC.

The sensor is designed using the plate-shaped DSC rods made up of chromel®-constantan®. It offers high performance in sensitivity on the whole temperature range (-170 to 700°C). Its fitting has been arranged so as to enable its quick replacement at low cost.

Automatic gas switching capability is included.

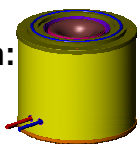
The 45-position auto sampler has a cycle time of 65 seconds and is equipped with an interchangeable tray. The universal gripper can hold various types of crucibles. Up to 80 experiments can automatically be processed, each with a specific method and crucible.



Cooling accessories:

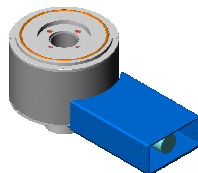
- Liquid Nitrogen option:

Temperature range:
-170°C / 400°C



- Cryo-thermostat cooling device:

Temperature range:
-75°C / 400°C



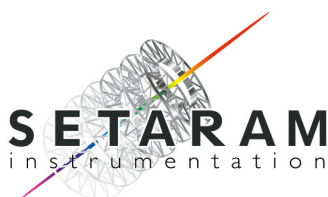
Features:

Temperature range	-170 / 700 °C
Resolution	0.4 µW
Crucibles volume	30 to 100 µl
Specific noise RMS	0.008 µW/µl
Time constant	3 s

Software: It is driven by SETSOFT 2000. Programming a series can be done by a carousel (80 experiments maxi.), and the same sample can be treated several times.

It is possible to modify some elements during a series (addition / suppression / shift), by adding comments.

Automatic peak research; automatic processing on a given series.



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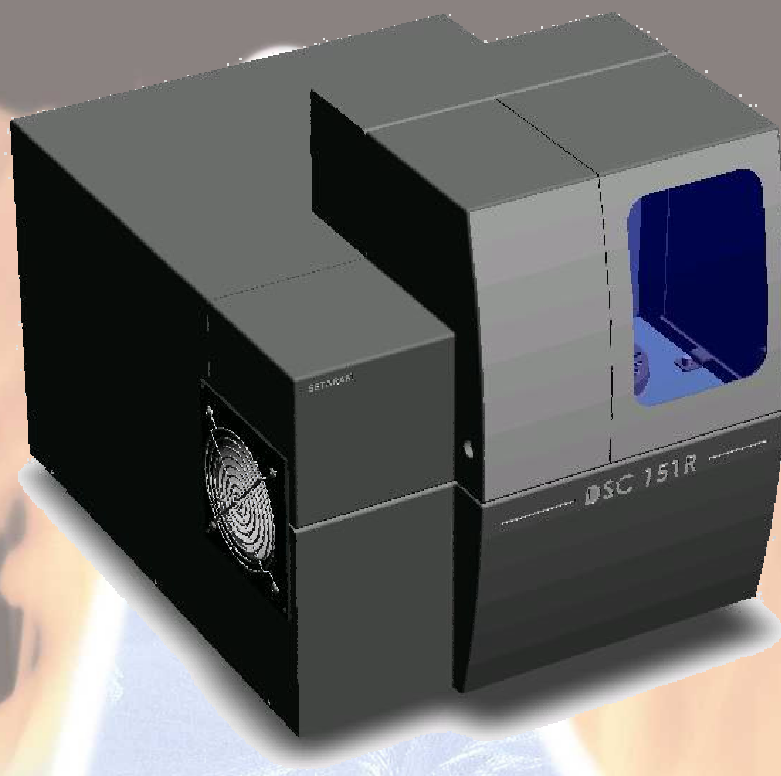
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New AUTO sampler DSC



SETARAM
instrumentation