

Thermal Analysis Equipment Hire

PerkinElmer DSC 4000

www.lab-ware.co.uk



From time to time, during problem-solving production, or developing a new product, you might need access to thermal analysis equipment such as DSC, TGA or DMA. It can be time consuming to get capital approval to purchase your own equipment, and there may not be a long term need for the equipment either. To help you, Ruston Services has several thermal analysis systems which can be rented for as little as six months, with an open-ended agreement for the rental term. Our pricing includes:-

- Delivery and installation
- Includes the manufacturers standard shipping kit including calibration materials and tools
- Calibration to manufacturer's standard
- Commissioning
- User Training
- Method development
- Remote assistance for problem solving, interpretation, and technical assistance using email, Skype, or telephone for up to 12 hours in the first month, and 4 hours per month afterwards. Additional support time can be purchased if required.
- System decommissioning and collection at the end of the hire period.

The term of the rental must be agreed beforehand, however it may be extended by agreement at agreed rental rates.

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DSC System Specification

Temperature Range	-70°C to 450
Heating / Cooling Rates	0.1°C/in to 50°C/min for heating and cooling
Y Range Resolution	0.02µW
Purge Gases	Nitrogen, oxygen, air, argon, and other inert gases
Gas Flow Control and Gas Switching	Built in mass flow controller with gas switching for two gases. Flow rates from 0.5mL/min to 100mL/min
Cooling Systems Available	Water circulator chiller system, allowing DSC tests from 20°C to 450°C Optional Refrigeration Cooling to allow sample testing to start from -70°C up to 450°C
Sample Preparation	The DSC system supplied includes the PerkinElmer Universal Crimper Press, which is suitable for a wide range of sample pans, including hermetically sealed aluminium sample pans, open aluminium sample pans, high pressure sample pans, etc The type of pans most appropriate for your testing will be supplied as part of the system rental package. e.g. 400 aluminium sample pans
Installation	The rental price quoted will include delivery, installation and initial calibration in your laboratory
Software and PC	A standard Windows 10 PC and the PerkinElmer Pyris Software for Windows are included in the rental price, although you may use your own PC if preferred
Training and Support	The package price quoted will include initial training on use of the system, software and sample preparation. Initial Methods can be set up for you to get you started with your test programme.
Ongoing Support	Ruston Services has been working with thermal analysis for around 40 years now, and we have included up to 12 hours of technical support by telephone, Skype or email during the first month after installation. A further four hours per month of support is included to cover further queries as they arise

Ordering Information

Quotation Requests	Please email your requirements to sales@rustons.org.uk , stating what system you would like to hire. Quotations are normally valid for 60 days.
Ordering	Please send your official order number to the address below or by email to sales@rustons.org.uk . RSL Rental terms apply and are available on request. If your organisation is VAT registered, please ensure that your VAT number is clearly visible on your order.
Delivery	Delivery is normally 4 - 6 weeks from receipt of order. We may be able to provide faster delivery in some circumstances