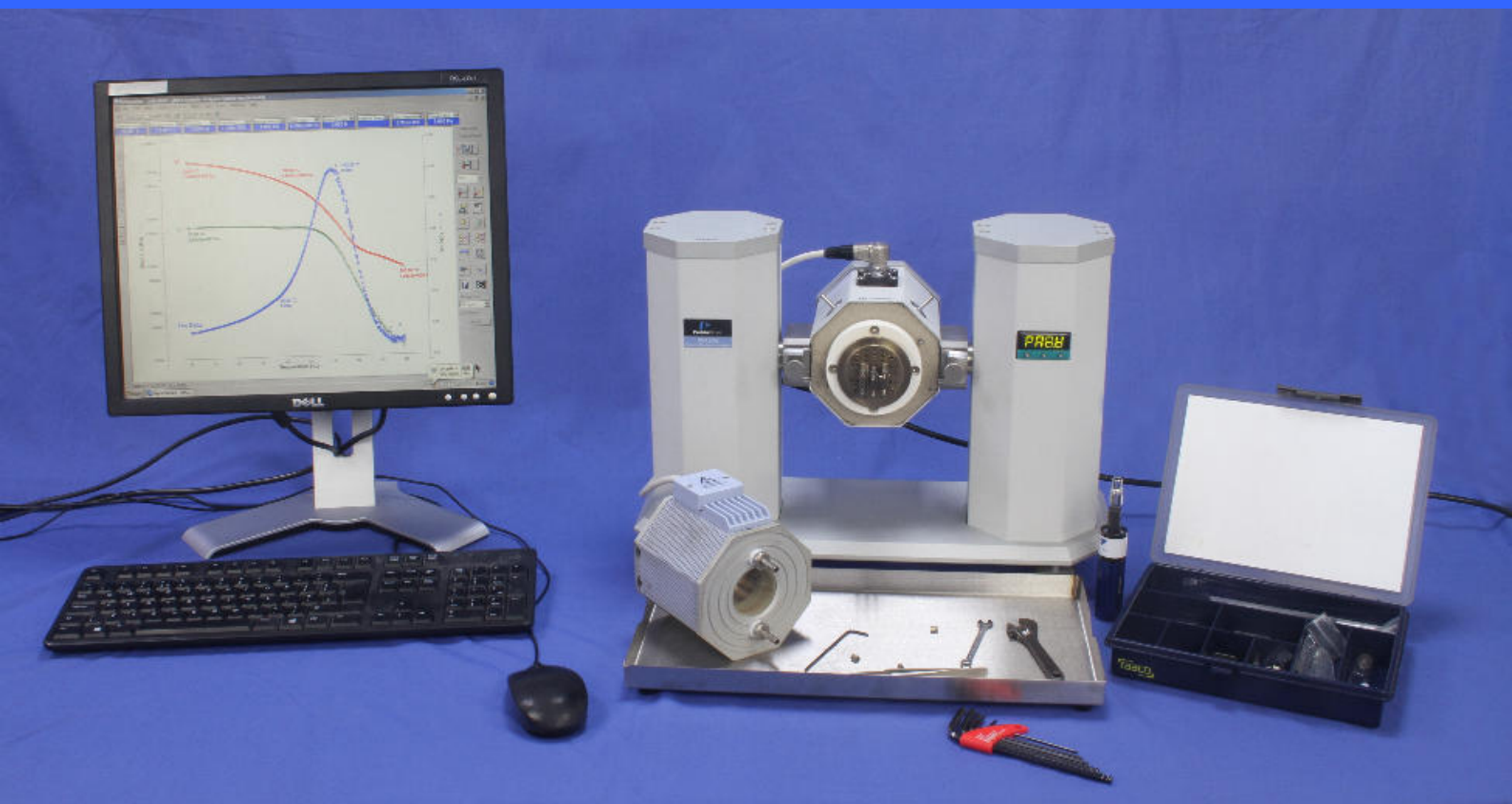


Thermal Analysis Equipment Hire

PerkinElmer DMA 8000

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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DMA System Specification

Temperature Range	-190°C to 400°C
Heating / Cooling Rates	0.1°C/in to 10°C/min for heating and cooling
Modulus Range	~10 ³ Pa to 10 ¹² Pa
Tan Delta Range	0.0001 to 100
Optional Liquid Nitrogen Cooling	Allows testing from -190°C to 400°C with the PerkinElmer AutoCryo liquid nitrogen cooling system. Rental price includes a 35L dewar and cooling accessory
Sample Holding Modes	Single Cantilever, Dual Cantilever, Tension, Compression, 3-Point Bending, Shear.
DMA Measuring Modes	Temperature Sweep, Time Sweep, Frequency Sweep, Time Temperature Superposition, Stress Sweep, Strain Sweep
Sample Preparation	The DMA system can be supplied with a range of sample preparation options, including the Ruston Services Parallel Sample cutter, which is very suitable for cutting elastomer samples.
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
Installation	The rental price quoted will include delivery, installation and initial calibration in your laboratory
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

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Telephone +44 (0) 7980 222573

Email sales@rustons.org.uk