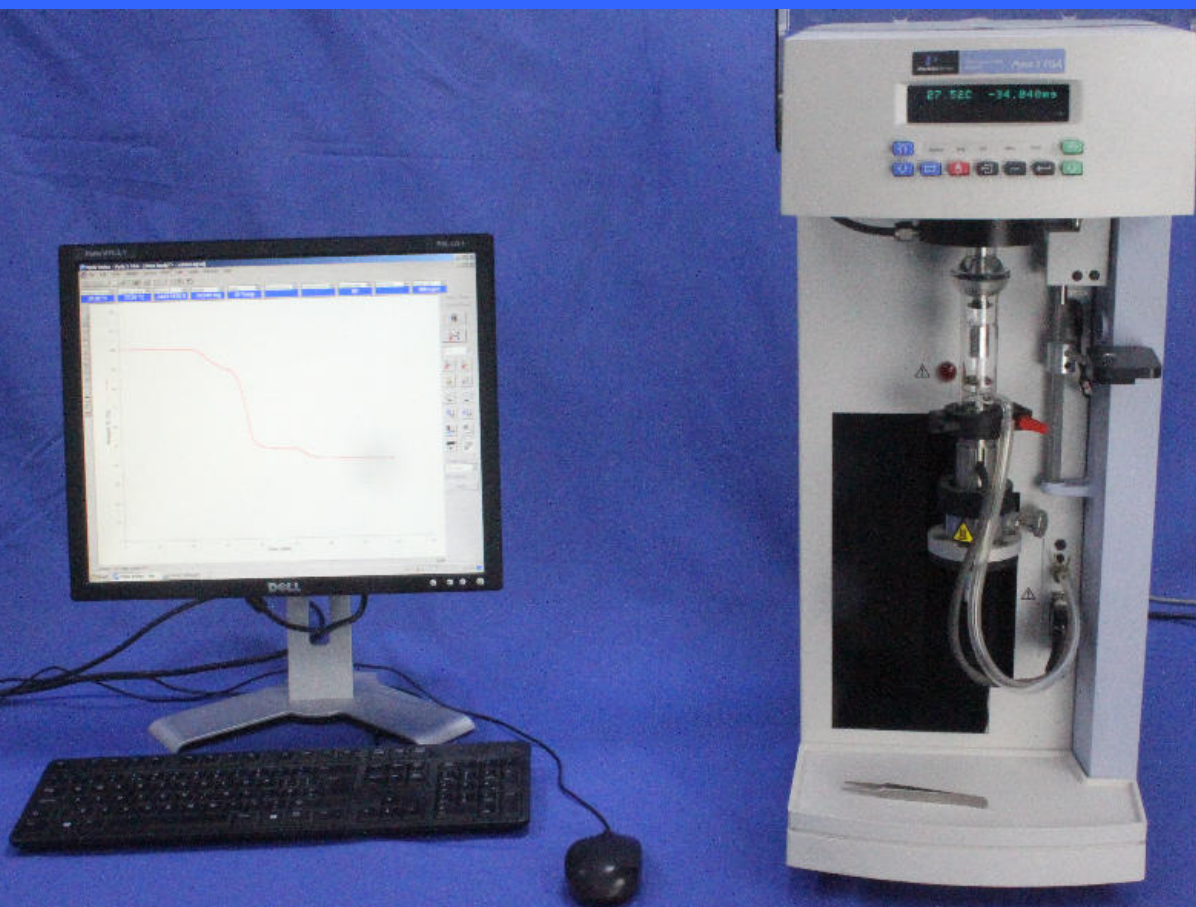


# Thermal Analysis Equipment Hire

## PerkinElmer Pyris 1 TGA

[www.lab-ware.co.uk](http://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.

Ruston Services Ltd, Unit G2, Alexandra Mill, Earl Street, Leek, Staffordshire, ST13 6LP, United Kingdom

Telephone +44 (0) 7980 222573

Email [sales@rustons.org.uk](mailto:sales@rustons.org.uk)

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### TGA System Specification

Temperature Range	Ambient to 1000°C
Heating / Cooling Rates	0.1°C/in to 200°C/min for heating and cooling
Sample Mass	<1mg to >100mg
Sample Pan Volume	60mm <sup>3</sup> to ~70mm <sup>3</sup> , depending on pan type
Weight Resolution	0.1µg
Temperature resolution	0.05°C
Temperature Accuracy	This depends on sample size, heating rate, sample configuration and, of course, calibration. Typically within ±2°C
Sample Presentation	The TGA system can be supplied with either the ceramic sample pans, or platinum sample pans and platinum stirrups
Purge Gases	Suitable for nitrogen, oxygen, air and other inert gases. A gas switching accessory can be included in the rental price if needed for your application. This allows gases to be changed during a sample test
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 <a href="mailto:sales@rustons.org.uk">sales@rustons.org.uk</a> , 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 <a href="mailto:sales@rustons.org.uk">sales@rustons.org.uk</a> . 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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