

Elastocon AB

Tvinnargatan 25
SE-507 30 Bråmhult
SWEDEN

Phone: +46 33 323 39 00
info@elastocon.se
www.elastocon.com



Our calibration lab is
accredited by SWEDAC



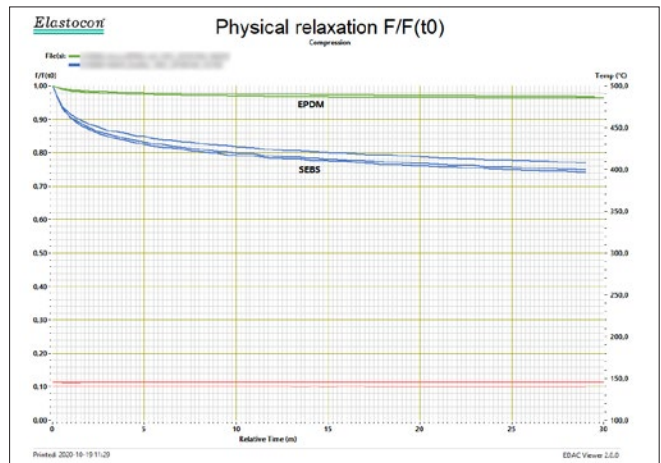
info@elastocon / # 2-2020 / Autumn News

PRODUCT NEWS

Elastocon Relaxation Viewer receives major update

We have made over 100 improvements to the Relaxation Viewer, which will be released shortly. Some highlights include: Evaluation point editor, evaluating by F/F_0 , $R(t)$ or by ISO 3384 Method B, plot evaluation points in report, make annotations in the graph, pick and print anything from multiple files, display F/F_0 and $R(t)$, plot evaluation data to the report, a reworked log point viewer, edit report header, adaptive time scale, modify group and rig info and lots more.

Read more on page 2.



Elastocon manufactures instruments for testing of rubber and plastic materials

- Specimen preparation
- Ageing ovens
- Stress relaxation and creep
- Low temperature testing
- Windscreen fogging
- Computerised testing
- Electrical tests
- Custom built instruments
- Calibration service

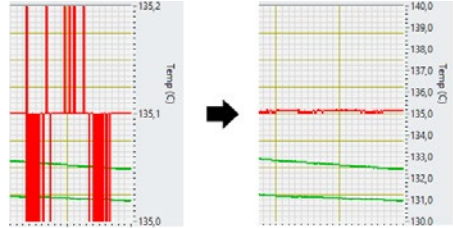
Elastocon Relaxation Viewer receives major update

Continued from page 1.

We have made over 100 improvements to the Relaxation Viewer, which will be released shortly.

We are dedicated to bringing you the best experience possible and will continue our commitment to improve by delivering new features, tweaks and bug fixes.

Here are some of the highlights:



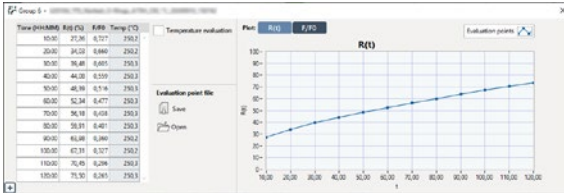
Improved temperature scaling

(image to above)

The temperature scale now auto-scales to the nearest 10 °C, for improved readability of the graph.

t0 changeable in relative mode

The to cursor can now be moved to update to while in relative time mode.

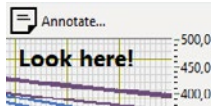


Evaluation point editor

(image to above)
The all new evaluation point editor can be used to add, remove and modify evaluation points. Evaluation can also be done by F/F₀, R(t) and to plot a curve from the points when testing according to ISO 3384 method B, with cycling temperatures. Evaluation points can also be saved to file and loaded for other log files.

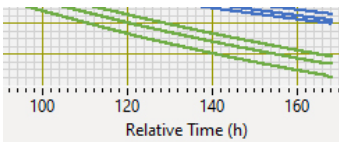
Add annotations

(image to the right)
Annotations can now be added to the graph.



F/F(t₀)

Force can now be displayed as F/F(t₀), which will display F/F(t₀) between to and F₀.

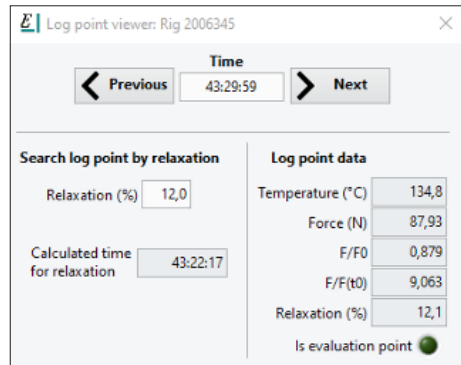


Adaptive relative time scale

(image to above)
The relative time scale has been reworked to make it easier to read. Instead of HH:MM:SS, either hours or minutes are displayed depending on how long the timescale is.

Editable report header

The report header can be edited. The report header also has some new and improved information.



Reworked log point viewer

(image to above)
Improved search feature and many other improvements.

Do you want more information? Please contact us, we are happy to help you!

Continuous development in Elastocon's accredited testing laboratory



Akred. nr. 1678
Provning
ISO/IEC 17025

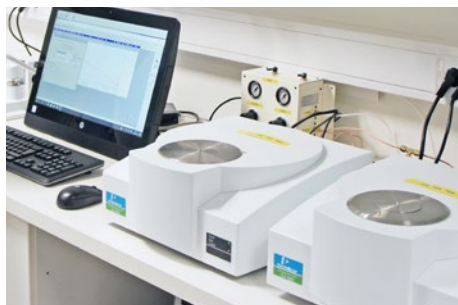
Kim Bini measures residual elongation with the new testing set EV 12, consisting of a tension set timer software, EC16, a 300 mm Mitutoyo caliper and a spreadsheet template where the value of the caliper is entered automatically via Bluetooth.

In the work towards minimizing sources of error and increasing our ability to deliver robust testing services, continuous improvement work is ongoing.

Among other things, Elastocon has developed a set for measuring residual elongation, EV 12, according to the ISO 2285 method of tension set, elongation and creep under constant tensile load. The measurement can provide a lot of information about stiffness, setting and creep in a material. To minimize the impact of the operator, a set of software and calipers is used where manual input and timing have been eliminated. The transfer from the caliper is wireless to a spreadsheet template in the computer where the result is calculated. This way you get accurate results.

Among other tests, it can be mentioned that there is a great demand for both stress relaxation and estimation of lifetime.

Our expanded capacity of material analysis instruments for thermal analysis such as TGA, DSC and thermal conductivity with C-Therms TCi are also in high demand. With these three you can get detailed information about material composition, melting point and insulating ability.



Thermal analysis instruments TGA and DSC in Elastocon's accredited contract testing laboratory.

Hanna Karlsson is a new employee in our finance department

In May, Hanna Karlsson started in our finance department as a marketing assistant.

Prior to joining Elastocon, Hanna worked for a shoe care company.



Now you can find demo and used equipment on our website

Please visit www.elastocon.com/demo-or-used-equipment for more information.

The demand for field calibration is increasing again

More and more customers are once again requesting our calibration services in the field.

Many instruments are simply too large to be sent in for calibration in our laboratory. Other types of equipment, like balances, are greatly affected by their ambient environment. At the same time, peripherals can also be calibrated and the customer does not need to dispose of his equipment.

Would you like to know more? Please contact Elastocon Mätcentrum at info@kalibrera.se



Contacts

Martin Spetz

Managing Director

+46 33 323 39 33
martin.spetz@elastocon.se

Göran Spetz

Manager Marketing and Sales

+46 33 323 39 31
goran.spetz@elastocon.se

You can also reach us at info@elastocon.se

Ann-Cathrine Magnå

Sales Manager, Nordic area

+46 33 323 39 32
ann-cathrine.magna@elastocon.se

Anna Anderzén

Sales Manager, Export area

+46 33 323 39 37
anna.anderzen@elastocon.se

Economy and Administration

+46 33 323 39 51
ekonomi@elastocon.se

Kim Bini

Laboratory Manager, Testing

+46 33 323 39 40
kim.bini@elastocon.se

Jonas Nilsson

Calibration and Quality

+46 33 323 39 36
jonas.nilsson@elastocon.se

Andreas Svensson

Electrical Design and Support

+46 33 323 39 34
andreas.svensson@elastocon.se