

Elastocon AB

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Our calibration and testing services are accredited according to ISO 17025. We are also certified according to ISO 9001



info@elastocon.com / #2-2021 / Autumn News

New software for our TR, Gehman and Brittleness testers

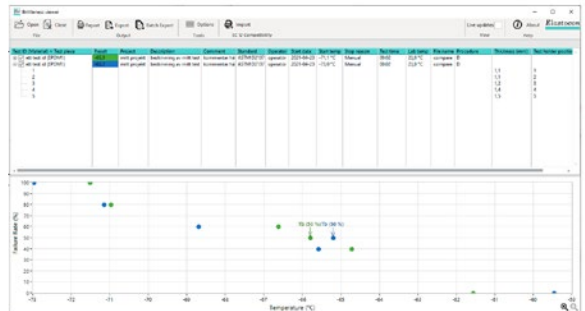
We are in the process of launching new software applications for our TR, Gehman and Brittleness testers.

Starting in autumn 2021 with the new EC 19 application for Brittleness testing, followed by EC 17 for TR testing and in the beginning of next year EC 18 for Gehman testing.

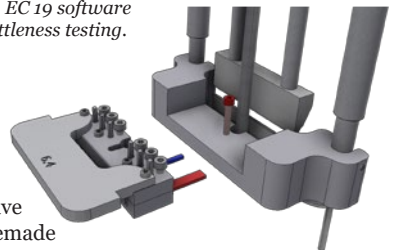
With these three new applications we have made the user experience better both prior, during and after the test.

All low temperature instruments with a touch screen can run the new applications, even combined instruments. That is ET 01-II, ET 02-II, ET 05-II and the combined equivalents. EC 17, EC 18 and EC 19 are compatible with Windows 10.

For those who might want to stay with EC 12 for now, it is possible to upgrade to the latest version of EC 12 (7.1.2), that will be our last version of EC 12.



Above: EC 19 software for Brittleness testing.



We have also remade the sample holder (image above) in our Brittleness tester to make the change of the samples between tests smoother.

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

EB 36 – new cell oven for AS/NZS 1660.2.3:1998

Elastocon has developed a new cell oven – EB 36. This cell oven has a stirrer that stirs the air in the cells with about 60 rpm. Cell oven EB 36 meets the standard AS/NZS 1660.2.3:1998.

The EB 36 cell oven is equipped with 4 cells, each with individual temperature. Each cell has individual control of the air exchange rate, and has room for 24 test pieces.

Two temperature sensors are used, one for temperature control and one for measuring the temperature close to the samples. This sensor can also be connected to a logging software.

EB 36 is one of the latest generation of cell ageing ovens from Elastocon, for precision ageing of rubber and plastic materials under controlled conditions.



Save March 16–17, 2022, in your calendar for our exhibition on material testing

When our own mini-exhibition on material testing premiered at the beginning of March 2020, it was a success. We are now planning for a follow-up 16–17 March 2022, with exhibitions, workshops and seminars in our premises in Brämhult/Borås, Sweden.

In recent years, we have built up our testing laboratory with both our own instruments and from the companies we represent, so we have a lot of equipment that we can show.

In our accredited laboratory, we can show the instruments in operation in a much better way than at a regular trade fair.

Different types of equipment and instruments will be placed at different stations in the company's premises, where they will be demonstrated.

We will return with more information about



Göran Spetz demonstrated instruments in Elastocon's accredited testing laboratory March 2020.

the program for the exhibition a little later, but feel free to save March 16–17, 2022 in your calendar right now, if you have the opportunity to visit us here in Sweden.

New equipment in Elastocon's laboratory for contract testing

We continue to invest in more instruments for our accredited testing laboratory.

- **LabManual 300** is a manually operated hydraulic laboratory press with extremely accurate temperature distribution. It is especially designed for standard pressing operations of polymers.
- **Binder MKFT climate cabinet** -70 °C to 180 °C with humidity 10–98 %.
- **Fortuna splitting machine** for sample preparation of rubber.

Please contact us if you are interested in contract testing of your polymeric materials.



Binder MKFT climate cabinet.



Fortuna splitting machine.



LabManual 300 laboratory press.

New employees at Elastocon



Theodor Nevo has been employed as a mechanical designer since June.

Theodor most recently came from a position as a development engineer at Parker Hannifin, Sweden. Prior to that, he was involved in running a small company in 3D printing.



Tomas Shehadeh has been working in Elastocon's production since June.

Tomas comes most recently from RUAG Space AB, where he worked with electronics assembly (soldering and assembly) of microwave units for satellites.

Elastocon is exhibiting at Plastteknik Nordic 2021, in Malmö, Sweden

Plastteknik
Nordic

On 1–2 December, you can meet Elastocon in booth D:12 at Plastteknik Nordic in Malmö, Sweden.

There we will present a small selection of our large range in material testing of plastic, rubber, metal, textiles, building materials, paint and more, from several well-known manufacturers that we represent in the Nordic region.

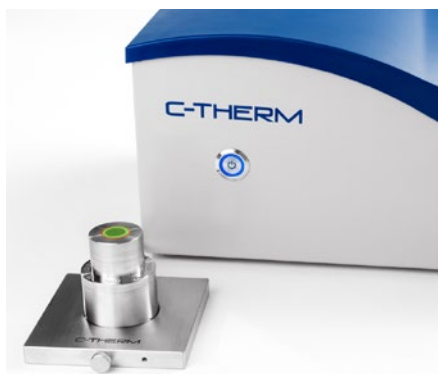
Among other things, we will show identiPol QA2, which offers an user-friendly tool for assessing the quality and identity of mouldable thermoplastics.

You can also take a closer look at a thermal conductivity analyzer, TCI, from C-Therm. TCI is the fastest and easiest way to measure the thermal conductivity of different types of materials.

Our experts are on site at Elastocon's stand at Plastteknik Nordic both days. You can, among other things, discuss laboratory testing of polymeric material.

Elastocon is accredited for 15 test methods for rubber and performs a variety of types of commissioned testing of materials for customers worldwide.

Please feel free to contact us if you want to know more about our instruments and services for testing of materials.



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