

Elastocon®

Testing with precision

Elastocon AB

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Our calibration lab is
accredited by SWEDAC



info@elastocon / # 1-2020 / Spring News

Elastocon's measures regarding the coronavirus and COVID-19

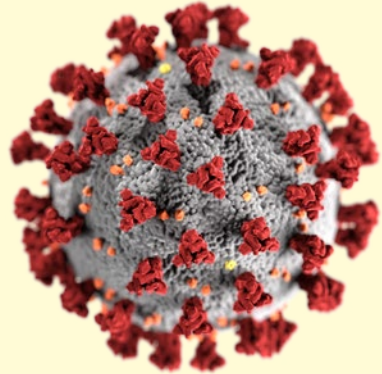
Elastocon follows the government's directives to reduce the spread of the coronavirus.

We do not receive visits and isolate our production as far as possible. Those who have the opportunity work from home and in case of any illness symptoms, other staff also stay at home.

Our sales, production, testing and calibration are still in operation despite the situation.

You are welcome to contact us with questions, quotation requests or orders by phone or email.

You will find more contact details on the last page.



This illustration of the SARS-CoV-2 virus, created at the Centers for Disease Control and Prevention (CDC), reveals ultrastructural morphology exhibited by coronaviruses. Note the spikes that adorn the outer surface of the virus, which impart the look of a corona surrounding the virion, when viewed electron microscopically.

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

Affordable gloss meter and haze meter

Elastocon can now offer affordable gloss meters and haze meters.

The **CS-380 Gloss Meter** is mainly used in the surface gloss measurement for paint, plastic, metal, ceramics, building materials and so on.

This gloss meter conforms to the DIN 67530, ISO 2813, ASTM D 523, JIS Z8741, BS 3900 Part D5, JJG696 standards and so on.

TH-100 Haze Meter

Transmittance and haze meter TH-100 is designed for haze and transmittance measurement of plastic sheets, films, glasses, LCD panel, touch screen and other transparent and semi-transparent materials.

This haze meter does not need warm-up during test which saves customer's time.

The instrument conforms to international standards ASTM D 1003, ISO 13468, ISO 14782, JIS K 7361 and JIS K 7136 and other standards to meet all customers' measurement requirements.

Features of TH-100 Haze Meter

- Three kinds of light sources A, C and D65 for haze and total transmittance measurement.
- Can realize transmittance compensation measurement which can provide higher accuracy test result.
- Open measurement area, no limit on sample size.
- The instrument has a 5" TFT display with good human-computer interface.



Elastocon can now offer the gloss meter CS-380 and the haze meter TH-100, both affordable instruments.

- Can realize both horizontal and vertical measurement to measure different kinds of materials.
- Adopts LED light source whose lifetime can reach 10 years.
- No need to warm-up, instrument is ready for use after calibration. Measurement time is only 3 seconds.
- Small size and light weight which makes it easy to carry.

Both these instruments can be used with our **Fogging Tester, EB 03C**, which is an equipment for determination of windscreen fogging in vehicles according to ISO 6452 and SAE J1756

Do you want to know more?

Contact us, we will be happy to help you!

Kim Bini is the new manager for Elastocon's contract testing laboratory



Kim Bini has been employed as manager for Elastocon's accredited contract testing laboratory. He is a newly graduated Technology Doctor of Materials Science from Chalmers University of Technology in Gothenburg.

In April, Kim Bini began his post as manager of Elastocon's accredited contract testing lab.

Kim Bini earned his PhD in Materials Science at Chalmers University of Technology in 2018, where he worked with material development and analysis of semiconducting polymers for solar cells. He is an experienced user of a large number of methods for material analysis of polymers.

At Elastocon, Kim will mainly conduct measurements in the laboratory with a focus on relaxation, material analysis as well as further development of our measurement methods. He will participate in research projects and represent Elastocon at fairs and conferences where we present our research.

In addition, Kim will be the market manager for some other manufacturers, with testing equipment for sale only in the Nordic countries, e.g. C-Therm, identiPol and PermTech.

Two new accredited testing methods

The two latest test methods for which we have been accredited are *ISO 2781 Density* and *ISO 3384-2 Cycling relaxation in compression*. We are now accredited for 15 test methods.

Read more about our contract testing on our website – www.elastocon.com.

In addition to our accredited polymer testing, we also offer material analysis using DSC, TGA, FTIR and thermal conductivity measurement as well as accelerated weathering and light stability tests of products and materials on a smaller scale.



**Accred. nr. 1678
Provning
ISO/IEC 17025**

Installation of Hot Set Tester EB 16-II and sample preparation in Finland

In January – right before the rapid, unfortunate development of the virus that has now spread around the world started, I spent a couple of days outside of Helsinki, Finland, to meet a customer who purchased a Hot Set Tester, EB 16-II, and sample preparation equipment. The EB 16-II is made for hot set testing of cable material according to IEC 60811-2-1 and other equivalent standards.

The customer was already familiar with the test method and seemed happy with their new equipment. I hope they have good use of it.

Anna Anderzén



PRODUCT NEWS

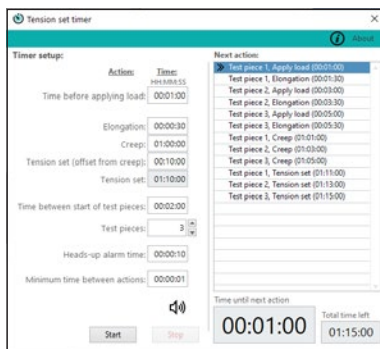
EV 12 – a system for tension set tests according to standard ISO 2285

Elastocon can now offer a system for tension set tests according to standard ISO 2285.

The EV 12 system consists of:

- a 300 mm Mitutoyo caliper with Bluetooth connection to your computer
- a tension set timer software, EC16
- a spreadsheet template where the value of the caliper is entered automatically via Bluetooth.

Contact us for more information.



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