

Testing with precision

Let us plant a seed!!



Elastocon

Elastocon manufactures and sells testing instruments for rubber and plastic materials.

We offer instruments for existing test methods and we develop instruments for new test methods.

Our objective is to offer instruments with high precision, which gives accurate results.

We can offer the following:

- Instruments
- Calibration
- Testing

and make it a forest!



Elastocon[®] . . .

Instruments



Martin is adjusting a relaxation system



Ann-Cathrine is demonstrating our Gehman Tester for an interested customer.

The range of instruments includes our own developed instruments as well as instruments from several known instrument manufacturers.

We can offer instruments for material testing

- Specimen preparation
- Ageing Ovens
- Sun Cabinet for climate testing
- Computerised testing
- Stress relaxation and creep
- Windscreen fogging
- Compression set, creep
- Electrical testing
- Hardness durometer for rubber, plastic and metal
- Low Temperature testing
- Balances
- Measuring instrument
- Custom built instruments
- Miscellaneous equipment
- Literature
- Calibration service



Calibration



Our calibration lab is accredited by
SWEDAC for

Length - Mass - Temperature - Force -
Pressure - Time - Hardness



Elastocon offer accredited calibration of testing instruments. The calibration is done with traceability to international reference standards. After the calibration, a signed calibration certificate with all data such as results, traceability and uncertainty is issued. Elastocon is accredited by SWEDAC (Swedish Board for accreditation and conformity assessment)

Accredited Calibration!

Our calibration laboratory is accredited by SWEDAC, which is a public authority that grants accreditation. We can perform most of the calibration needed in a laboratory or a factory. In addition to the accredited quantities, we can do traceable calibration of gloss, small gas flows and humidity, outside the accreditation.

Through our cooperation with three other calibration laboratories we offer a complete solution for your external calibration need. Your company just needs to have one contact and we handle the rest.

What is calibration?

Calibration of an instrument is made to establish the difference in measuring value between the instrument and a traceable standard.

Why calibrate?

Quality assurance is an obvious concept for most companies today. This includes the use of calibrated instruments. For all measurements it is important to know how well the results correlates with reality. By calibrating your instruments you make the measurements traceable to international standards.



Jonas, our Calibration Manager, is calibrating callipers with the help of a gauge block ladder.



Niklas has received a major number of manometers to be calibrated. Car repair shops that control AC pressure use these manometers.

Testing

Several of the company personnel originally worked at SP Technical Research Institute of Sweden. This makes Elastocon a company well familiar with testing and laboratory activities.

When developing and selling testing instruments this knowledge is of great importance.

To continuously perform polymer testing commissioned by our customers gives us good feedback and makes our product development more efficient.

We have now decided to promote this part of the company more. To be able to commit to more testing commissions we have obtained instruments for further test methods. The instruments will also be used for demonstration.

Besides material testing we offer consultancy services like life time estimation, material specifications, choice of material, quality system and education.



International ISO work gives an opportunity for nice contacts. The picture shows Goran with the chemistry Nobel Prize winner, Mr Tanaka from Shimadzu in Japan.

Laboratory manager

Ann-Cathrine Magnå has 25 years of experience from polymer testing and is our Laboratory Manager.



Ann-Cathrine is doing sample preparation for a customer commission.

You are welcome to contact us:

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