

Elastocon®

Testing with precision

Elastocon AB

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Our calibration lab is
accredited by SWEDAC



info@elastocon / # 1-2018 / Spring News

We will be exhibiting at Plast 2018 in Milan



Plast 2018 will take place between May 29 and June 1 this year. You can find us in Hall 11, stand A01 in our Italian distributor, DGTS, stand.

Elastocon will show a high precision cell ageing oven, our sample preparation, and a rig for testing stress relaxation in tension.

Naturally we will be glad to also discuss our other instruments.

If you will visit the exhibition, please come and say hello. In the same stand you can also find other instruments and partners to DGTS. Please feel welcome to visit us in Hall 11, stand A01!

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

We will be exhibiting at DKT 2018 in Nuremberg

DKT 2018

Between 2nd and 5th of July it is time for
DKT 2018 in Nuremberg, Germany.

Elastocon will be exhibiting together with our
German distributor Richard Hess MBV.

Please feel free to visit us if you attend DKT.



At DKT we will show our **Automatic Relaxation and Creep Tester, EB 18-II-3**. The instrument is based on our cell ovens, which means that each test station can run with an individual temperature.

The test rigs are based on our relaxation rig EB 02, but lowering and raising of the rigs is motor driven. The compression or tension of the samples is also motor driven with a servo motor.

Installation: Combined low temperature testers in the United States

In the beginning of November I
went to USA for an installation at a
customer outside of Detroit, together
with Michael Pepper from our USA
distributor, RT Instruments.

Unfortunately I wasn't allowed to take
any pictures at the customer's site, but
I installed our demo instrument for low
temperature testing with all three test
methods included (TR-test, Gehman test
and Brittleness test). The installation
went well and I believe that they will have
good use of the instrument. The day after
the installation was finished, Michael
Pepper and I went by car to visit some
other customers as well.

Anna Anderzén

The TR Tester, Gehman Tester and Brittleness
Tester can be combined using the same base
unit and a rig changing system, the image
shows the latest version with a PLC touch
screen. An automatic computerized Low
Temperature Tester increases the precision up
to 5 times. The capacity will also increase by
about 50 % and not least the labour time will
decrease about 75 %.



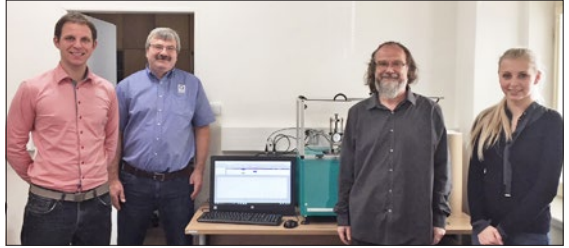
Installation:

Stress relaxation system in the Czech Republic

A week later in November I went to the Czech Republic for installation of a stress relaxation system.

The customer here was the Czech Academy of Sciences, and I went together with our agent in the Czech Republic, company Labimex. Also this installation went well and smoothly, and I hope the customer will have good use of their new test system.

Anna Anderzén



To the left representatives from our agent Labimex and to the right customer representatives in front of the new relaxation system.

Visit from United States representative – RT Instruments

In October, Thomas Padlo from our USA representative RT Instruments visited Elastocon.

Thomas Padlo got a thorough demonstration of the functions and features of Elastocon's instruments and how service and calibration is done.

In the picture Jonas Nilsson (to the right), Calibration Manager at Elastocon, shows Thomas Padlo a stress relaxation system.



Farewell to Gun Bengtsson

Gun Bengtsson will now retire after working in economics and administration at Elastocon since 1995.

On March 26 Gun worked her last day at Elastocon and will now enjoy her retirement.

The picture was taken at a farewell lunch event for Gun at Hofsnäs Manor at the end of September, where all employees participated.



Now Elastocon offers accredited rubber testing

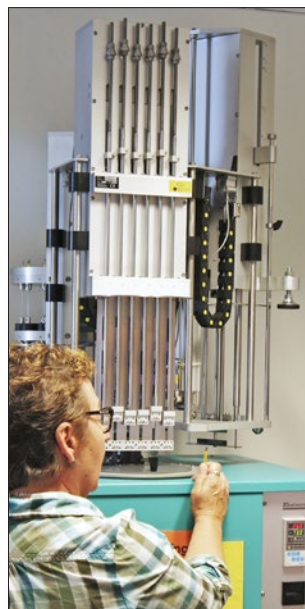
We have now been accredited for 13 rubber testing methods, see below. It is SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, that performs the accreditation.

SWEDAC's website says the following about what it means: *"To be accredited, skills, procedures and methods are tested so that all quality requirements are met as a standard. Next, Swedac check regularly that the company continues to meet the requirements for their accreditation.*

The purpose of accreditation is to ensure that certification, inspection and testing is done with high quality and safety for life, health and environment. Accreditation means that inspections are performed impartial, accurate and based on internationally recognized standards."



Akkred. nr. 1678
Provning
ISO/IEC 17025



Low-temperature retraction (TR test) according to ISO 2921.

Accredited rubber testing methods of Elastocon's testing laboratory

ISO 34-1	Tear strength	ISO 2921	Low-temperature retraction (TR test)
ISO 37	Tensile stress-strain properties	ISO 3384-1	Stress relaxation in compression
ISO 48	Hardness IRHD	ISO 6914	Ageing characteristics by measurement of stress relaxation in tension
ISO 188	Accelerated ageing and heat resistance	ISO 7619-1	Hardness Shore
ISO 815-1	Compression Set	ISO 11346	Estimation of life-time and maximum temperature of use
ISO 815-2	Low Temperature Compression Set		
ISO 1432	Low-temperature stiffening (Gehman test)		
ISO 1817	Resistance to liquids		

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