

# Elastocon®

Testing with precision

## Elastocon AB

Tvinnargatan 25  
SE-507 30 Brämhuslutt  
SWEDEN

Phone: +4633 22 56 30  
info@elastocon.se  
www.elastocon.se



Our calibration lab is  
accredited by SWEDAC



info@elastocon / #2-2016 / Autumn News

## Visit us at the K-fair in 19–26 October in Düsseldorf, Germany

You can find us in hall 11 stand 11G42, in a joint stand with  
our German distributor company Richard Hess GmbH.

You will find personnel  
from both Elastocon and  
Richard Hess GmbH  
in the stand during the  
whole exhibition.

We will show our  
**Stress Relaxation  
System** for continuous  
measurement in either  
compression or tension.  
Alternatively we will be  
happy to discuss the discontinuous method of testing  
as well.



*Stress Relaxation System.*

See how you can perform **low temperature  
compression set** without opening the deep freezer  
and without touching the test piece.

You can also take the opportunity to try out our  
ergonomical **manual cutting press for sample  
preparation**. The sample preparation is one of the  
most crucial parts of testing so it is really important  
to have proper equipment for this purpose.

**Read more about our participation at the  
K-fair and our precision instruments on our  
web site.**



*Low temperature  
compression set rig.*



*Manual cutting press.*

**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 are expanding our laboratory for contract testing services



*Ann-Cathrine Magnå is the Laboratory Manager at Elastocon, with a long experience from polymer testing.*

## **Elastocon is now expanding the capacity for testing of stress relaxation, due to a rising demand for relaxation testing and lifetime estimation of rubber materials.**

Today 6 materials can be tested at the same time, but with the capacity expansion 29 materials may be tested simultaneously.

In a new program-controlled oven with cooling, 8 materials may be tested. This means that we can run the ISO 3384-1 method B automatically, with the reading of force at 23 °C. We can also test four materials at 23 °C.

In addition, you will be able to test materials in our new ALE-test system, where we can test with liquid and aeration and exchange the liquid automatically.

Another of our specialties is the low temperature testing of Temperature Retraction (TR), Gehman, Brittleness and Low Temperature Compression Set (LTCS).

In addition to all the usual standard tests, now we can also offer testing of windscreen fogging.

Elastocon has also started the process of getting accreditation for a number of test methods.

**If you would like to inquire or request a quotation about our testing services please contact us.**

*Göran Spetz*



*The ALE-test system relaxation rig and the control box with a PLC touch screen*

# Stress relaxation installations in Turkey

The last week of June I went to Bursa, Turkey for two installations of continuous stress relaxation systems.

The first installation was a new system at Tofas/Fiat.

The second was a re-installation at SKT. In January 2012 I visited SKT for installation for the first time but since then they have both a new laboratory and new personnel and required some additional training.

As far as I know, both systems are functioning well after the installation, and the customers are using their equipments, with reliable test results.

*Anna Anderzén*



**Above:** Personnel from SKT together with our agent in Turkey (to the left) and Anna Anderzén (second from the right).



**To the left:** Seda Belaban at Tofas with the new stress relaxation system from Elastocon.

# Customer visits in Germany

Most part of one of the weeks in August I spent together with Markus Lukas from our German distributor Richard Hess MBV GmbH.

We spent many hours in the car on autobahn to get to different customers. We started at Poppe GmbH in Giessen and had our last visit for the week at Kraiburg TPE in Waldkraiburg.

I'm happy about it since this gave me the opportunity to meet many pleasant and interesting people in their work place and I look forward to meet them again, perhaps already at K-fair in October?

*Anna Anderzén*



# Polymer Testing & Analysis in Cologne, Germany

In the middle of April Göran Spetz attended AMI's first international conference on Polymer Testing & Analysis 2016.

At the conference Göran had the opportunity to present the range of precision instruments for rubber and plastic testing from Elastocon in a table-top exhibition.



## Elastocon drives green

In recent years we have invested in green, environmentally-friendly cars and now we have four cars in the company.

The first car in the image is a Toyota Prius plug-in hybrid, the second a VW Passat biogas vehicle, the third is our latest addition – a VW Passat GTE plug-in hybrid – and the last a Mitsubishi Outlander PHEV, plug-in hybrid.

These cars will help us to greatly reduce the use of fossil fuel.



### Elastocon offers worldwide calibration

**Accredited calibration:** Length – Mass – Temperature – Force – Pressure – Time – Hardness – Extension – Spee. Not included in accreditation: Humidity – Angle – Gloss – Colour – Small gas flows – Torque

## Contacts

**Martin Spetz**  
Managing Director  
+4633-22 56 33  
martin.spetz@elastocon.se

**Göran Spetz**  
Manager Marketing and Sales  
+4633-22 56 31  
goran.spetz@elastocon.se

**Ann-Cathrine Magnå**  
Sales Manager, Nordic area  
+4633-22 56 32  
ann-cathrine.magna@elastocon.se

**Anna Anderzén**  
Sales Manager, Export area  
+4633-22 56 37  
anna.anderzen@elastocon.se

**Gun Bengtsson**  
Economy and Administration  
+4633-22 56 38  
gun.bengtsson@elastocon.se

**Jonas Nilsson**  
Calibration and Quality  
+4633-22 56 36  
jonas.nilsson@elastocon.se

**Andreas Svensson**  
Construction and Support  
+4633-22 56 34  
andreas.svensson@elastocon.se

**You can also reach us at:**  
info@elastocon.se