

ICS
Instrument & Calibration Sweden AB

Service & lab equipment



**Calibrations
Lab equipment
Upgrades
Testing
Training/Education**

Tensile testers and test machines – Hegewald & Peschke

We offer tension and pressure testers from Hegewald & Peschke with forces up to 2,500 kN.

With German precision and quality, we can assure you that your measurements will be correct.

With own production, our supplier can adapt machines to your wishes. Easy to use and very reliable machines of good quality is the reason we chose Hegewald & Peschke as supplier of tensile testers.



Rheological Test Instruments – Alpha Technologies

Alpha Technologies is a known leader in the rubber and polymer rheology testing Industry. With instruments that measure dynamic, physical and machinability properties in rubber and polymeric. Alpha is a leader in design and manufacturing instrument and software. There focus is to work close to the costumer and industry to improve performance, worth and safety for the consumer trough repeatability and reproducibility.



Sample preparation - METKON

METKON is a well-established global company that focuses on technologically advanced solutions. They have a full range of instruments and consumables for metal sample preparation, from manual machines to automated sample preparation systems. Quality is the watchword that drives production to meet customers' needs.

Through a process of cutting, assembly, grinding and polishing, a smooth surface is obtained to reach the true structure of the material. To achieve high sample preparation quality and reproducible results METKON has a total sample preparation solution.

ICS offers a complete range

- Cutting machines,
- Grinding and polishing machines as well
- Casting machines.
- Hardness meter

ICS offers new hardness testers as well as spare parts and service/support of existing equipment. If you want your instrument calibrated, we offer accredited calibration by Vickers, Knoop, Brinell, Rockwell, Shore and IRHD.



New series from Metkon



Metkon introduces a brand-new series of hardness testers called Duroline.

Duroline is equipped with the latest from Metkon, very good quality at an affordable price.

Plastic - Dynisco

Dynisco is known worldwide for developing innovative, high-quality solutions for the extrusion processing of plastics for over 60 years. Their versatile portfolio of sensor and polymer test equipment delivers some of the most accurate results on the market for measuring polymer rheology, pressure and temperature.

With the help of their products, you as a customer are offered better control, reduced downtime, minimal wastage and unmatched reliability.



Process Controllers



Vertex Sensor



PolyClean



Melting Extruder



Melt Flow Indexer



Laboratory
Capillary Rheometer



ViscoSensor

Gloveboxes - Inert

Inert enables control over atmosphere and working conditions like no other. Innovative solutions for controlled work environments with <1 PPM O₂ and H₂O. Inert is an industry-leading innovative supplier of the most reliable standardized and custom-built gloveboxes for atmosphere, gas handling systems and solvent cleaning system to the most competitive prices.

ICS offers a complete range of spare parts and accessories and can offer you a service plan to keep your production lines running optimally.



ICS – Instrument & Calibration Sweden AB

ICS is a well-established company that has existed since 1994 in Gislaved. We started in the rubber industry where we sold, serviced and calibrated rheological instruments and tensile testers on the Scandinavian market.

Over time, both the industries and the number of instrument types have expanded. Nowadays, we are active in all industries and offer a large range of machines and instruments for all types of testing. We offer a full spectrum of test machines and solutions, ranging from simpler standard machines to more complex customized special solutions. We perform service and calibration on the machines we sell but also on other equipment. Together we help you with your unique testing needs and the challenges you face. Let our solutions and our expertise facilitate, simplify and improve your everyday life.

Let us at ICS help you maintain your equipment and instruments. We optimize and improve quality and safety throughout the entire life cycle.

Since 1997, we have been accredited and approved by SWEDAC and thus meet and follow the requirements of ISO 17025. We are accredited for field calibrations in mass, force, length, hardness and temperature. Our service agreements include accredited calibration as well as preventive maintenance and service. Of course, we tailor the agreements so that it covers exactly your needs.



Calibration and Accreditation



ICS is active throughout the Nordic region, where we perform service/maintenance and calibration. We have the opportunity to hold education and training both on-site at the customer or in our own lab.

We also carry out contract testing or, alternatively, let you as a customer come and carry out your tests yourself in our premises. We also upgrade existing scales and tensile testers so that they can withstand today's technology and new challenges.



ICS Accreditation

Measuring object / Sample type	Measurement range	Measuring Capability (CMC) ±
Tensile and compression testers	Tensile Force 0,01 N – 600 kN Compression Force 0,01 N – 2000 kN Speed 1 mm/min – 1000 mm/min Length 1 µm – 1000 mm	For more details visit SWEDAC
Extensometers including non-contact (Video/laser)	Length 1 µm – 1250 mm	
Thickness gauge	Length 0,5-150mm Foot pressure 5kPa - 5000kPa	
Temperature	-80°C - 630°C	
Hardness tester	Brinell 3,18-650 HBW Vickers 1-2990 HV Knoop 1-2990 HK Rockwell HRA,HRD,HRC,HRN,HRF,HRB HRK,HRT,HRH,HRE,HRG Shore 10-100 °SH IRHD 10-100 °SH	
Scales not automatic	1 mg - 6000kg	

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