

Scope of Accreditation:

Calibration of force

Measurement object	Measurement area	Best measurement capability.
Tensile testing machine	Tensile force 0,01 N – 600 kN Pressure force 0,01 N – 600 kN	See <a href="http://www.swedac.se">www.swedac.se</a> for details

Calibration of extensometer including NON-Contacting systems(Length)

Measurement object	Measurement area (mm)	class	Best measurement capability( ± )
Extensometer	15 – 1000		0,45%
	8 – 1000	1,0	0,45%
	1 µm – 60 mm	2,0	0,36 µ±m
Initial distance	15 mm – 100 mm	0,2	0,45%

Calibration of thicknessmeter (pressure)

Measurement object	Measurement area	Best measurement capability
Thicknessmeter by foot diameter 2 – 10 mm	0,07 N- 1,79 N	± 0,013 N

Calibration of thicknessmeter (Length)

Measurement object	Measurement area	Best measurement capability
Thicknessmeter	0,5 mm- 20 mm	± 0,012 mm For object with resolution 0,01 mm
		± 0,0012 mm For object with resolution 0,001 mm

Calibration of speed

Measurement object	Measurement area	Best measurement capability
Tensile tester	1 mm/ min – 1000 mm/ min	± 0,5 – 0,75 rel. %

Calibration of scales

Measurement object	Measurement area	Best measurement capability
Non automatic weighing instruments	1 mg – 6000 kg	See <a href="http://www.swedac.se">www.swedac.se</a> for details

Calibration of temperature

Measurement object	Measurement area	Best measurement capability
Temperature	-80°C to +630°C	See <a href="http://www.swedac.se">www.swedac.se</a> for details

Calibration of hardness

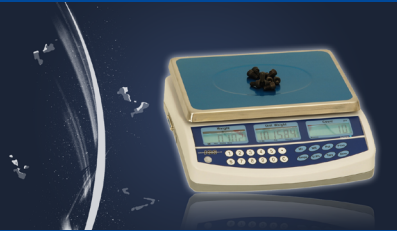
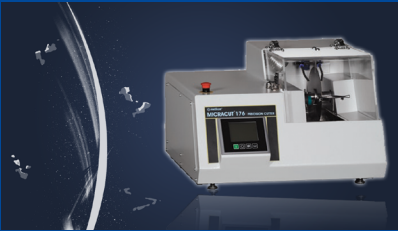
Measurement object	Measurement area	Best measurement capability
Brinell Hardness testers	3,18 – 650 HBW	See <a href="http://www.swedac.se">www.swedac.se</a> for details
Vickers Hardness testers	1 – 2 990 HV	See <a href="http://www.swedac.se">www.swedac.se</a> for details
Rockwell Hardness testers	HRA, B, C, D, E, F, G, H, K, N, T	See <a href="http://www.swedac.se">www.swedac.se</a> for details
Shore / IRHD Hardness testers	0-100 °Shore / °IRH	See <a href="http://www.swedac.se">www.swedac.se</a> for details
For detailed information regarding scope and best measurement capability visit <a href="http://search.swedac.se/index_ie.asp?lang=en">http://search.swedac.se/index_ie.asp?lang=en</a> and search for Laboratory No 1515 in the Accreditation no / Identity no field.		



1515  
ISO/IEC 17025

AKKREDITERING

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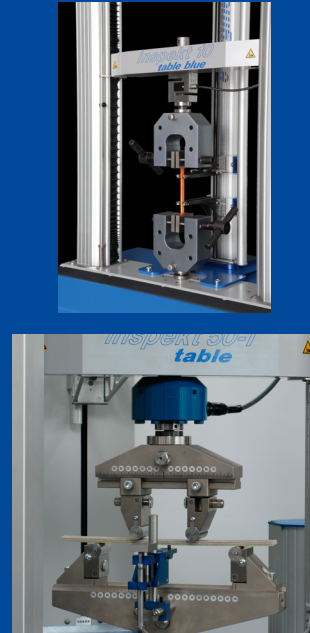


Alpha Technologies is the world leader in the design, manufacture, service and support of precision rubber and polymer laboratory instrumentation and data acquisition / analysis software systems. Alpha Technologies is a multinational, ISO 9001 registered, ISO 17025 accredited firm headquartered in Akron, Ohio with technical centres and offices worldwide. ICS AB has represented Alpha Technologies in the Nordic area since 1980.



Hegewald & Peschke  
Universal testing machine Inspekt table from 5kN up to 250kN.  
The material testing machines of the Inspekt table series have been designed for universal application in many different sectors of the industry. Typically they are employed in incoming and outgoing goods departments, research and development, and material testing laboratories. Hegewald & Peschke MPT GmbH attaches great importance to the reliability and flexibility of its machines. Thus, Hegewald & Peschke uses only high-quality components.

Testing machines and measurement technology of Hegewald & Peschke. For more than 20 years Hegewald & Peschke develops and produces highly precise test equipment for industry and research. Apart from the serial manufacturing our enterprise specialized particular in the development of customized test systems and associated component solution.



Hegewald & Peschke  
Universal testing machine Inspekt from 100kN to 2000kN. Offers high-class mechanic precision, frame stiffness and modern control electronics. Customers also profit from the convincing cost/performance ratio. The top-quality, rugged machines can be used for almost any testing.



The Starrett FMS series is a single column force measurement testing system optimized for high-volume production and quality control testing. The FMS frames are ideal for tensile and compressive testing. The system includes the test frame, controller & software. The controller features a windows and a Android operating system with a high resolution color, multi-touch 10-inch display. The L2 controller is Wi-Fi and Bluetooth compatible with two USB 2.0 ports. The L2 software features test templates that require minimal operator setup in order to perform routine tests.

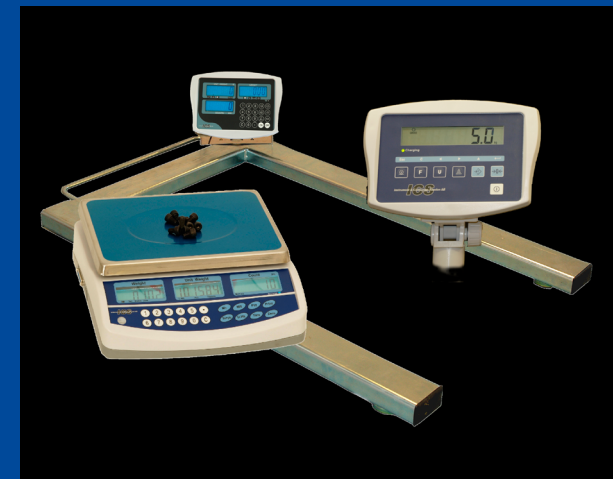


Innovatest  
As one of the worlds most innovating hardness testing instrument manufacturer, the Innovatest group provides fit to purpose and fit to budget hardness testing solutions. Ensuring you to supply top quality instrument while meeting all applicable global standards such as ASTM, DIN-ISO, JIS and GB.



ICS AB represents METKON with a complete range of instruments and consumables for Metallographic Sample Preparation, from manual machines to sophisticated microprocessor controlled preparation systems.

Through a process of cutting, mounting, grinding and polishing, a smooth surface is obtained to reach the materials true structure. In order to achieve high preparation quality and reproducible results; a combination of "Right equipment, Correct preparation method and Right consumables" which we call "Total Preparation Solution", is required



ICS Industrial scales are designed to meet all the requirements desired in a high performance industrial scale. ICS supplies commercial and industrial weighing scales, counting scales, counting and weighing indicators, process control indicators, remote bases, floor scales and pallet scales, all engineered to deliver world-class performance in a wide variety of applications. ICS and its entire staff are committed to making products that are easier to use, more accurate and reliable, with increased cost-efficiency for you, the end-user.



KERN offers a large selection of high-end quality. From precision balances, density determination scales and halogen moisture analysers, to verifiable half micro-analytical balances.

KERN industrial scales series include a large spectrum, of solar scales, table scales, counting scales, platform scales, stainless steel scales, floor scales and palette scales, as well as heavy load crane scales for industrial use.

