METROLOGY LABORATORY
CALIBRATION AND
MEASUREMENT
LEAX GROUP

Since its foundation, LEAX Group has developed into a leading manufacturer of complete systems, subsystems and vital components as well as a service provider for mechanical solutions.

We serve major industries including:

- Commercial vehicles
- Mining and construction
- Agriculture
- Automotive
- Telecom
- General industry

Not only do we manufacture and deliver products, but we also work closely with our customers to find optimal solutions in all aspects regarding design, sourcing materials, production, and logistics. Our dedicated, skilled personnel help us to continue to develop and move forward with LEAX, and grow with our customers. We are your long-term partner.

LEAN MANUFACTURING – WORLDWIDE

LEAX offers a global footprint with locations on three continents and a workforce of over 1,200. We have production sites in Sweden, Latvia, Hungary, Germany, Brazil and China.

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| PLANTS |
|-----------------
| 5 in Sweden, 2 in Latvia, 1 in Germany, Hungary, Brazil and China |

| EQUIPMENT |
|-----------------
| > 500 machines for primary and secondary operations |
ACCREDITED CALIBRATION AND MEASUREMENT

LEAX Quality is certified by SWEDAC

Calibration requires knowledge of materials and technology, but also expertise in regulatory and legal requirements. We offer calibration services for most mechanical hand tools.

Summary of objects certified by SWEDAC:

- Gauge blocks of ceramics according to method C: 0.5 – 100 mm (3 x 5 measurement points)
- Gauge blocks of ceramics according to method D: 0.5 – 100 mm (1 x 5 measurement points)
- Gauge blocks of steel according to method B: 0.5 – 100 mm (3 x 5 measurement points)
- Gauge blocks of steel according to method C: 0.5 – 500 mm (1 x 5 measurement points)
- Gauge blocks of carbide according to method B: 0.5 – 100 mm (3 x 5 measurement points)
- Gauge blocks of carbide according to method C: 0.5 – 100 mm (1 x 5 measurement points)

Documentation

After calibration, we issue a calibration certificate and measurement protocol containing detailed documentation that meets ISO/IEC 17025 standards.
LEAX QUALITY – CALIBRATION AND MEASUREMENT

LEAX Quality AB was founded in 1993 and has since offered its customers a wide range of control and measurement services. LEAX Quality stands for excellence when it comes to knowledge of systematic business development, quality assurance of new products, the choice of measurement methods, and measuring equipment.

When our customers need calibration and measurement services, they benefit from our expertise. By trusting on our services, you can fully concentrate on continuing being good at what your company does best. As your partner, we guarantee reliable, consistent performance and deliveries.

We understand that quality is a key competitive factor in the global market, especially when it comes to mature industries, and that is why continuous improvements are part of our daily work.

Specifications:

CARL ZEISS ULM 01-600C
- Measuring range of external measurement: 0 – 600 mm
- Inside measurement: 0 – 350 mm
- Measuring external thread: 0 – 200 mm
- Measuring internal thread: from 2.5 mm

CALIBRATION OF PROBES

We can calibrate probes from the following manufacturers:

- Mitutoyo
- Solartron/Metern (HB)
- Marposs (LVDT)
- TESA (HB)
- Mahr (HB)

The day we cease getting better is the day we stop being good!
OUTSOURCING – CALIBRATION

To be successful in your business, you need to use your resources wisely and focus on your core business. Therefore, outsourcing your calibration and measurement to LEAX Quality will free up your resources giving you the opportunity to focus on what is most important to your company. We guarantee high quality and rapid delivery.

We also provide different types of calibration:

- Screw rings and plugs
- Conical screw rings and plugs
- Setting rings and gauges
- Ring and plug gauges
- Conical ring and plug gauges
- Snap gauges
- Dial indicators
- Dial test indicators
- Precision dial gauge
- Electronic and inductive probes
- Bore gauges
- Micrometers
- Three points micrometer
- Inside micrometer
- Calipers
- Angle gauges
- Height gauge
- Torque wrench
- Measuring pin
- Roundness measurement
- Splines ring and gauges

REFERENCES