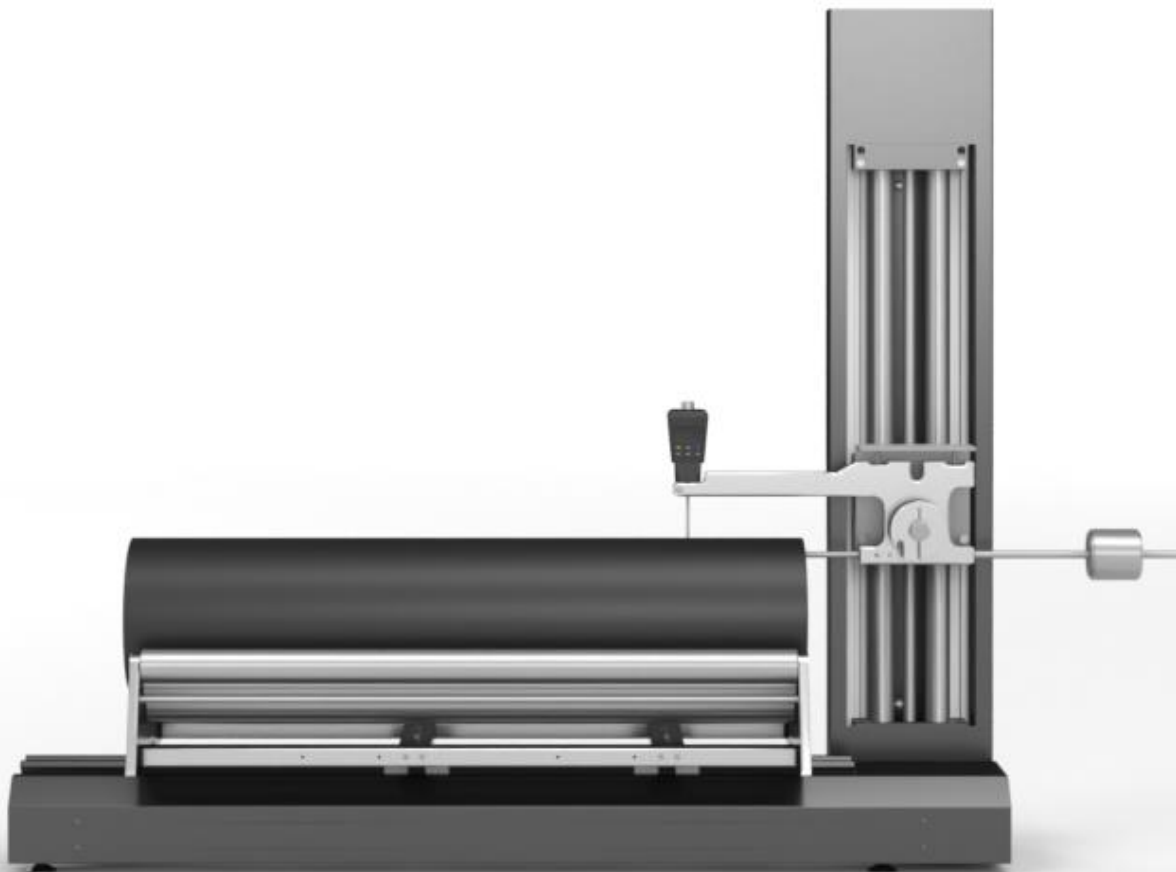
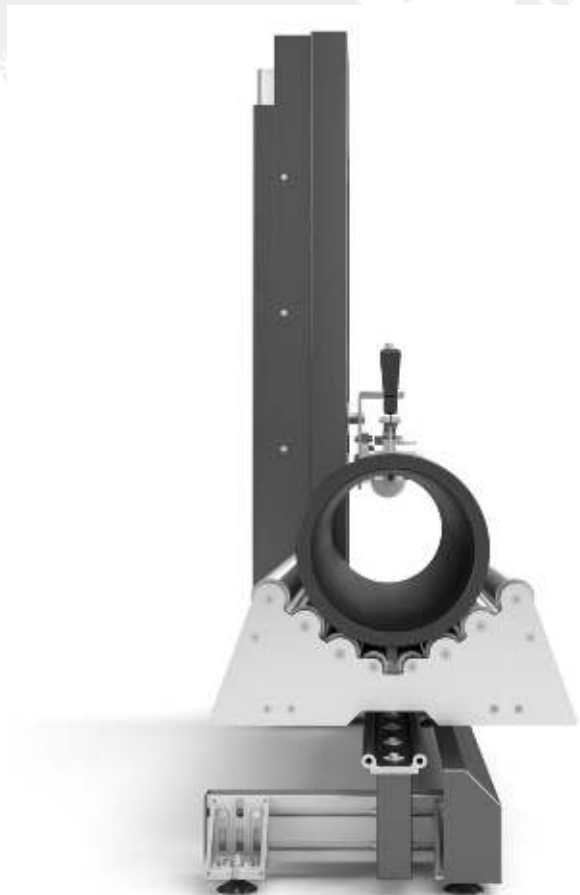


SCITEQ Wall thickness Measurement Gauge - WTMG



We help you perform even better



Scope

The smart design of the SCITEQ Wall thickness Measurement gauge allows for fast and accurate 360° measurements of wall thickness and ovality of pipes. For diameters from OD20 to OD630mm, pipe lengths of up to 1500mm and wall thickness from 0 to 70 mm. The gauge measures in accordance with ISO 3126.



Function

The SCITEQ pipe wall thickness gauge measures wall thickness offline with very high accuracy. The pipe sample is placed in a fixed position on the roller frame allowing the pipe to be turned in a controlled and effortless manner. The design allows for quick adjustment and precise testing of a large range of pipe dimensions. The motorized gauge arm transfers the precise measurements directly to the processor and to the incl. printer. Data can also be transferred to your computer. Results are conveniently shown both in histograms and as calculations for both absolute and comparative measurements.

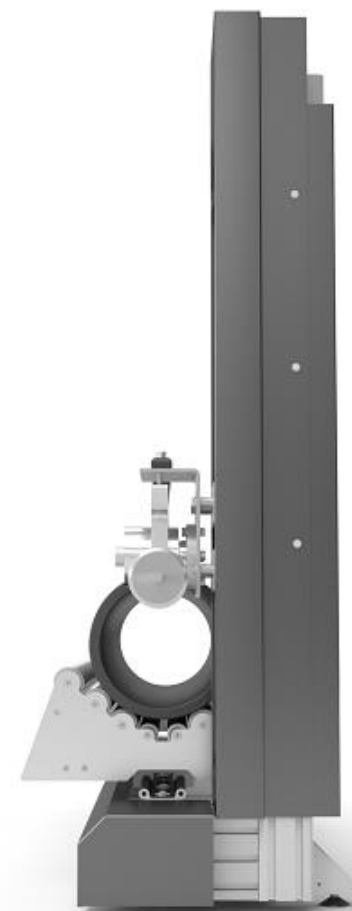
Highlights

- ✓ *simple set-up*
- ✓ *compact table model*
- ✓ *reliable test results*
- ✓ *high accuracy*
- ✓ *optional microprocessor*

Standards

The SCITEQ Wall thickness measurement gauge enables you to test according to the standard ISO 3126 .

Please contact us at sales@sciteq.com for further information on the test procedure and please refer to technical specifications in this brochure or contact SCITEQ A/S for more information.





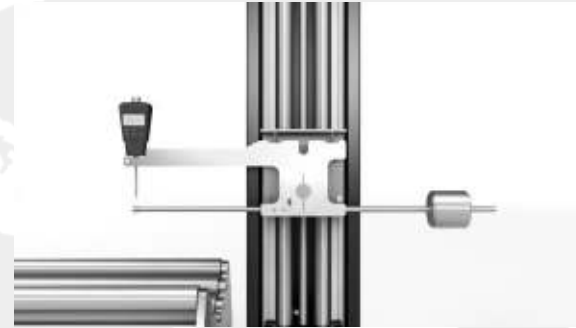
Rollerframe

The pipe sample is placed in a fixed position on the roller frame allowing the pipe to be turned in a controlled and effortless manner. The design allows for quick adjustment and precise testing of a large range of pipe dimensions. The gauge can handle pipe samples up to 1500 mm in length with a diameter between $\varnothing 20$ and $\varnothing 630$ mm and a wall thickness of max. 12, 30 or 50 mm depending on the chosen gauge.



Dial gauge

The motorized gauge arm transfers the precise measurements directly to the processor and the included printer as well as to your connected PC on request. The test results are conveniently shown both in histograms and as calculations for both absolute and comparative measurements.



Measuring arm

The measuring arm is 300 mm for wall thickness measurements on the longitudinal axis of the pipe. Longer measuring arms are available at request. Smin. and Smax. is measured by the microprocessor.



Quick repeat

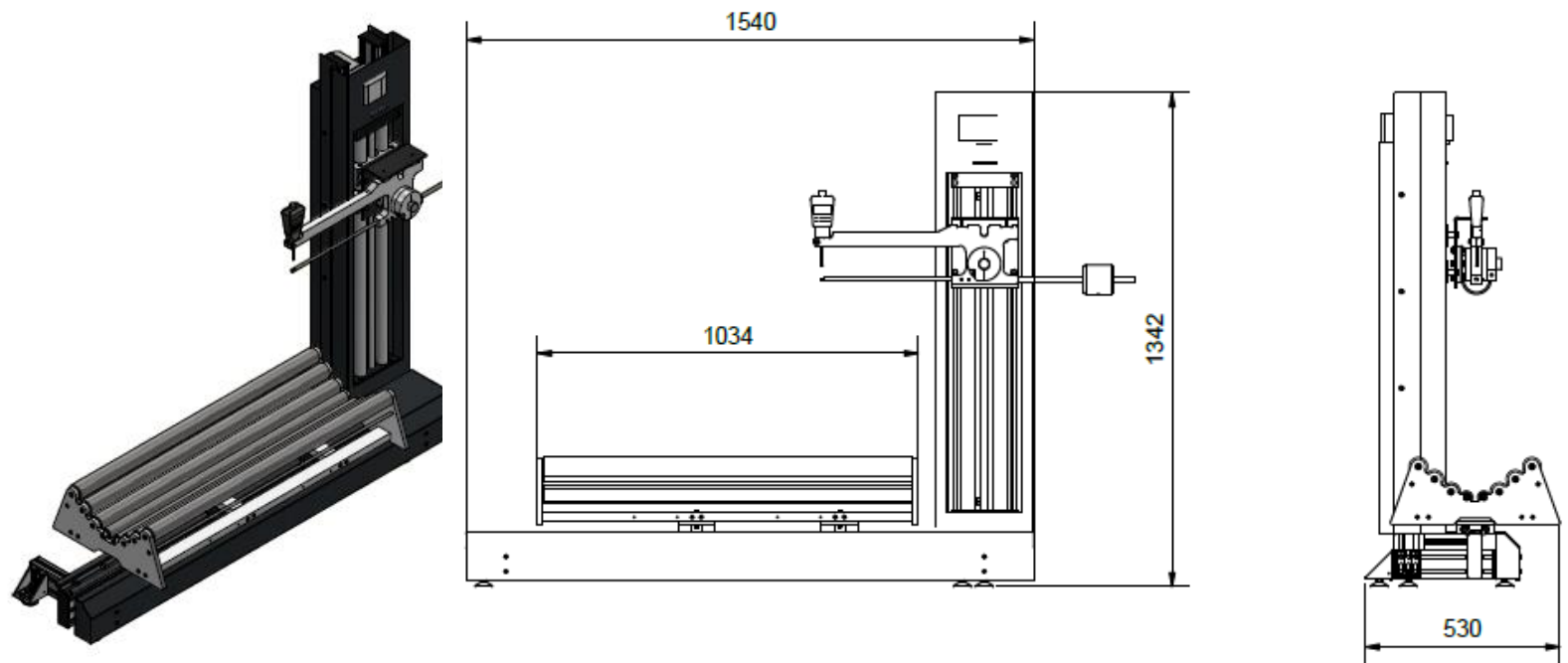
The processor delivers all information needed and allows for quick repeat of measurements. One coding of min. and max. tolerances can apply for up to 999 measurements within one tolerance degree. The data is conveniently transferred to the processor and printer included.

Dimensions

SCITEQ Wall thickness measurement gauge dimensions:

L1540 x W530 x H1342 mm

Weight approx. 170 kg.





Circumference tapes & caliper rulers

Circumference tapes for determining the outside diameter of pipes (calibration certificate available) and caliper rulers for determining out-of-roundness of pipes. General measuring devices. Calibration certificate for all dimensions (scales mm/inch) on request. Vernier calipers are available in both an analogue and an electronic version.



Laboratory Saw

For preparing plastic pipe samples for various tests by making a parallel cut and chamfering the finished edge.

The lab saw is specially designed for laboratory preparation of pipe samples for dimensions from \varnothing 32 mm up to \varnothing 660 mm as standard and larger on request



	Standard model
Pipe diameter range (mm)	DN20-DN630m
Pipe wall thickness measuring range [mm]*	3 - 95
Sample length (min/max) [mm]**	50-1200
Weight [kg]	Approx: 170
Measuring of wall thickness	√
Measuring of pipe ovality	√
Measuring accuracy (at 20°C)	Min. 0,003 mm
Measuring resolution	0,01 / 0,001 mm
Multiple measuring units***	mm
Referred standards	ISO3126 and similar
Incl. printer for real time measuring and transfer of data to PC.	√
Machine Material	Aluminum and S235JR (Powder coated)
Electric adjustable measuring height	√
Manuel adjustable contra weight	√

*Machines is delivered with gauge pi extenders to be used for small or large wall thickness measuring.

**Machine is delivered with additional arm for measuring distance over 350 mm.

***Machine can on request be delivered with Inch conversion gauge.

Technical Specifications WTMG

SCITEQ

	Standard model
Power supply	230 V, 1 phase, 50/60 HZ
Power consumption when adjusting measuring height	Approx: 50 W, 0,22 A
Operation temperature [°C]	0-40
Storage temperature [°C]	(-10) – 60
CE approval	√



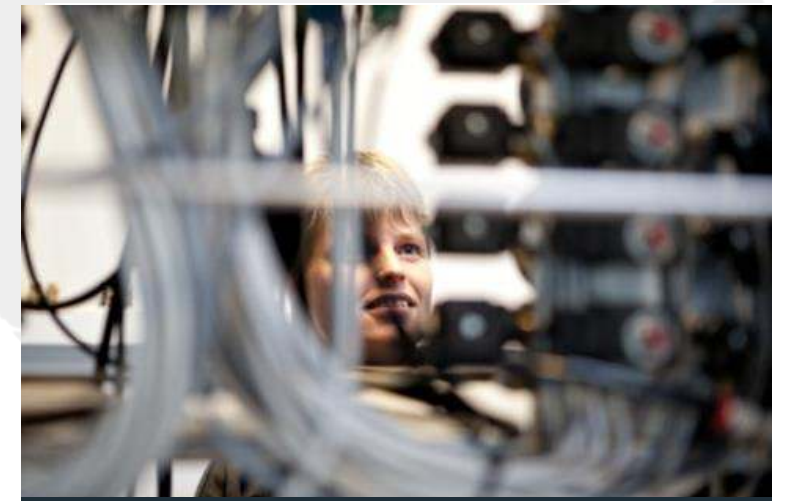
Installation & training

SCITEQ's trained service technicians perform onsite installation of your new SCITEQ equipment as well as onsite or remote training of your operating personnel who will be using the equipment.



SCITEQ Care

You will find the level of service suitable for your test setup with SCITEQ Care. SCITEQ service engineers will visit you annually to perform the best service and calibration. With SCITEQ Basic, More or All Care package you gain access to a long list of advantages, discounts and free support from SCITEQ skilled technician. [Learn more about SCITEQ Care](#)



Support online & on-site

SCITEQ offers online and on-site support on all SCITEQ products, for fast and effective problem solving, training, setup, etc. If you have an unforeseen challenge or you need advise asap, you can contact service@sciteq.com or call us for urgent support.