Autosonic *light* ™

Mobile Ultrasonic Testing System for gas cylinders

Range of Application

The **Autosonic**™ light is a mobile system which can be operated anywhere by a single perions, independently from the facility. It is universally suitable for the perio-dical re-qualification of seamless gas cylinders.

Test Capacity	20 – 60,000 cyl/year
	10 – 30 cyl/hour
Volume	0.5 – 180 L*
Diameter	50 – 406 mm*
Length	100 – 1800 mm*

*system can be adapted to other dimensions

Unit Description

Autosonic™ light testing unit has been especially developed for periodical re-qualifications and for the examination of trailer cylinders.

This device is constructed using only stainless materials in order to grant a long lifetime and to keep maintenance costs low around the ultrasonic testing environment.
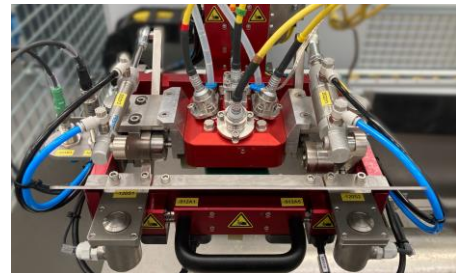

Autosonic™ light

The loading/unloading of gas cylinder is executed directly on the test unit. This device can be easily moved from one facility to another thanks to the compact construction. No test head set-up necessary when changing the type of cylinder because of the controller that has an automatic cylinder diameter detection: the mechanics automatically adjusts to the test object.

Autosonic™ light

Test Head

All the products of the **Autosonic**™ family use the same scanning head. This is composed by a water chamber, a pneumatic centering device and integrated ultrasonic transducers.

Autosonic™ test head

Test Electronic / Software

The system is controlled by a PLC which can be ope-rated by a touch screen module. The data handling can be adapted to the customer's requirements. Every test & calibration is automatically recorded together with its settings. The traceability of the test results is ensured.

Available Options

- Wall thickness measurement of the cylinder base
- Additional test heads for CO2 cyl, small thickness

Contact
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