

## For any demand the suitable device

Our extensive product and service range offers standard seven different type of products with over 50 variants to choose from depending on type of solution. All devices have excellent performance regarding measuring resolution and robustness, they

are easy to use and have many features to enhance the product. With standard accessories, spares and test leak and customized machine building solutions we offer the single stop solutions for today's diverse and competitive industry.

*Here please find some of the standard devices and solutions offered and if you do require full technical brochure please log on to our website or call us for a soft copy to be mailed.*



### Leakage testing system **INTEGRA**

high-capacity testing system for all usual testing methods

- full-graphical colour display
- up to 3 independent test circuits run capable
- 255 test programs storable
- self-optimisation autoTune (option)
- communication via intermountable bus-coupling-modules
- freely programmable device control
- freely programmable specific test processes



### Leakage testing system **LTS 670**

approved leakage testing system for differential-pressure method or relative-pressure method

- 64 test programs storable
- text indicator on the LCD-display in different languages
- with statistical evaluation of the measurement values



### Leakage testing system **LTS 670L**

cost-efficient single-purpose leakage testing device for differential-pressure method or flow measurement

- available in many variants
- for overpressure or vacuum
- optionally including digital I/O interface



### Leakage testing device **LTS compact**

cost-efficient single-purpose leakage testing device based on the relative-pressure method

- available for overpressure or vacuum
- serial interface included
- optionally including digital I/O interface



### Flow testing device **LTS 673**

optimized for testing large volume components using flow measuring

- principal application is the test of mufflers and catalytic converter systems, and ventilation components
- with custom-programmable inputs and outputs
- highly flexible due to 64 parameter sets



### Bubble tester type **6.3**

pneumatically controlled leakage testing device based on the bubbling through method for workshop and production

- visual leakage control via air bubbles in water inspection glass
- easiest operation
- no wet parts anymore
- no power supply necessary
- compact and portable device



#### LTbase

- Workbench complete with shielded-off working area
- part feeding via drawer unit
- Protective device complete with maintenance access gate
- Safety design in compliance with DIN EN ISO 13849 (New Machine Directive)
- performance level d



#### Sealing technology

- Basing on our more than 40 years experience
- Usage of different materials basing on test requirement
- Customized solutions
- Long lifetime



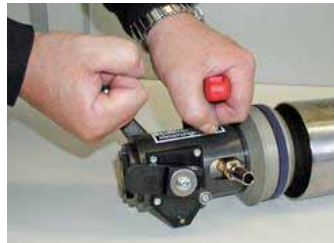
#### Customized Machine Building

- Assembly and functional requirement
- Functional test
- Gauging Automation
- Vision system



#### Marking punch

- Very compact design
- Detection of end position
- Pneumatic pulse triggering, thus much more low-wear than mechanical constructions
- Cone end made from HSS
- Mountable in any direction



#### Test connectors

- For plain tubes with nominal width up to 150 mm
- Test pressure up to 500 mbar
- No effective axial forces
- Ergonomical designed slewing mechanism
- Adjustable prestress
- With test port (also available for Normaquick® Adapters)



#### Testleak

For the simulation of leaks and for monitoring and adjusting leakage testing systems

- Various connection possibilities included
- Leakage rates from 0.01 to 1500 cc/min (other leakage rates available too)
- Accuracy up to  $\pm 1\%$  from nominal value
- Pressure ranges from -1 to 400 bar