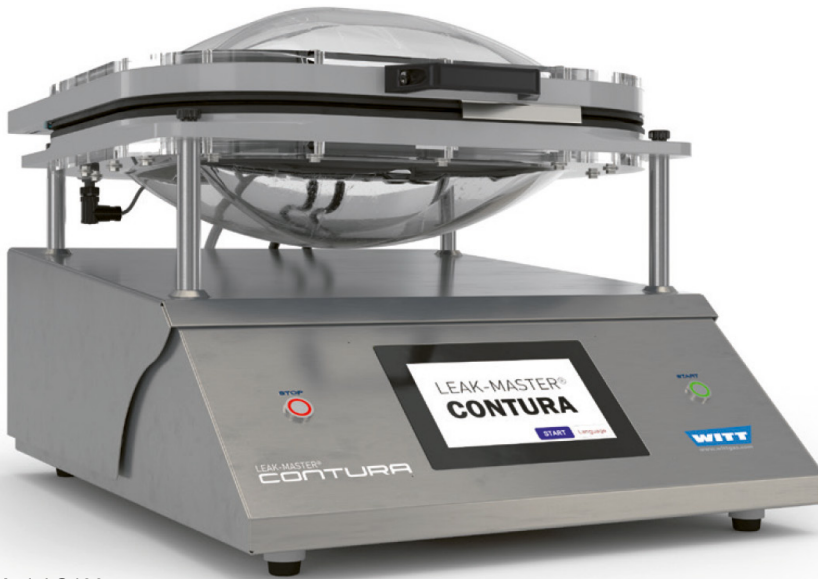
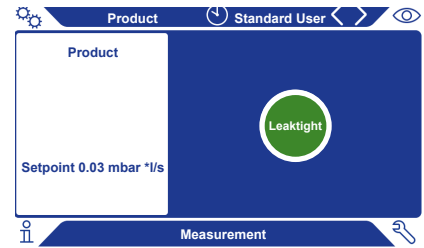


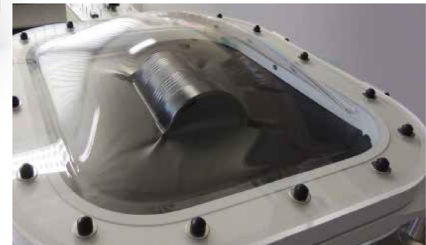
# LEAK DETECTION SYSTEM LEAK-MASTER® CONTURA



Model S400



large 7" touch-screen  
with a colour status indicator



vacuum  
with highly elastic membranes

**LEAK-MASTER® CONTURA** is a system for seal inspection in capsules, MAP- and other types of packaging in accordance with DIN EN 1779 and in close resemblance to ASTM F2338-09.

Using a patented method that detects volume changes based on pressure differentials, it enables the non-destructive detection of even the smallest leaks, independent of test gases, in the food and pharmaceutical industries.

An LED indicator intuitively displays the test result.

**Flexible membrane system for universal test method on all packaging types.**

## Benefits

- fine leaks (size <math><10 \mu\text{m}</math>) can be detected in seconds
- detection of gross leaks even in packages with little headspace
- non-destructive leak testing in a matter of seconds
- storage and evaluation of seal testing results after the testing process
- designed according to DIN ISO certified documented output inspection
- large touch-screen for intuitive operation
- packaging tests of individual or multiple packages simultaneous
- built-in vacuum pump, no compressed air
- simple and safe cleaning to meet the strict hygiene requirements of the food industry

## Options

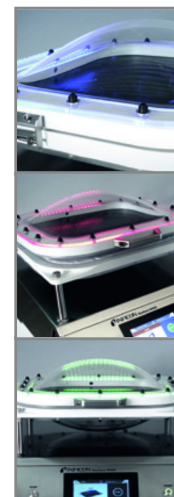
- Barcode Reader with IP-protection for simple and quick user/product selection
- calibration means
  - Pac-Check for the leak rate calibration
  - Calibration-Kit for leak rate and also the internal and external volume calibration

## Status:

**Measuring mode**

**Leaky**

**Leaktight**





# LEAK DETECTION SYSTEM

## LEAK-MASTER® CONTURA

<b>Typ</b>	LEAK-MASTER® CONTURA S400 / S600
<b>Measuring System</b>	pressure rise method
<b>Leak size measurements</b>	
<b>S400</b>	< 10 µm
<b>S600</b>	10 µm
<b>Warm-up time</b>	< 1 min
<b>Measurement time</b>	< 12 sec.
<b>Status</b>	LED lighting
<b>Interfaces</b>	2 x USB for measure-, user-, product data, software update and code scanner (option) RS 232 (for controlling) RJ45 Ethernet (LAN)
<b>Temperature range</b>	10 – 40 °C (50 – 104 °F)
<b>Storage temperature</b>	0 – 60 °C (32 – 140 °F)
<b>Humidity of ambient air</b>	80%           at   < 31 °C (88 °F) 80 – 50%    at   31 – 40 °C (88 – 104 °F) 50%           at   > 40 °C (104 °F)
<b>Housing</b>	stainless steel, IP 20D
<b>Test chamber</b>	plastic
<b>Sound pressure level</b>	55 dB(A)
<b>Approvals</b>	Company certified according to ISO 9001 and ISO 22000 CE marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU - Machines Directive 2006/42/EC - RoHS Directive 2011/65/EU

### Our chamber sizes – for sample analysing

Model	Chamber-size approx. in [mm] (inch) (H x W x D)	Cabinet / housing-size approx. in [mm] (inch) (H x W x D)	Weight approx. in [kg]	Voltage
 <b>S400</b>	200 x 350 x 400 (2.9 x 13.8 x 15.7)	475 x 535 x 725 (18.7 x 21.1 x 28.5)	46	100 - 240 V 50 - 60 Hz
 <b>S600</b>	250 x 450 x 550 (9.8 x 17.7 x 21.7)	420 x 780 x 800 (16.5 x 30.7 x 31.5)	61	100 - 240 V 50 - 60 Hz