We keep an eye on your quality

Flip Tester

ibea®
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Flip Tester

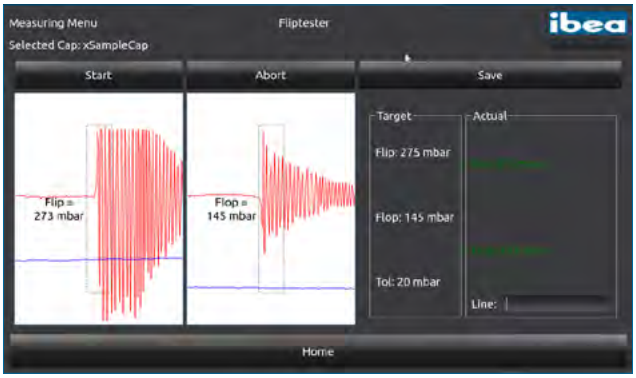
Offline measurement system for TO Caps

The intuitive tabletop device measures the vacuum values of the caps „Flip-in and Flip-out“ and thus documents the quality of production. With the help of appropriate adapters, a wide range of diameters can be tested.

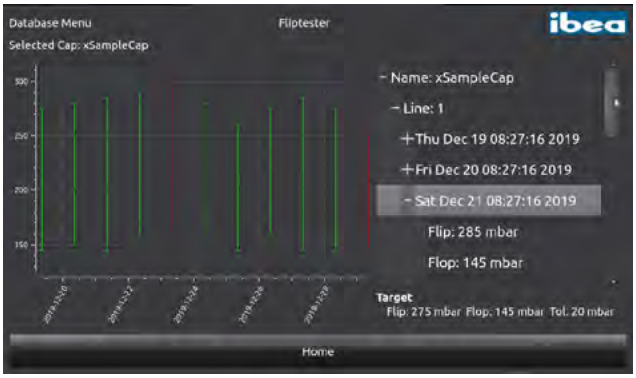
After a definable vacuum is built up, the minimum and maximum values of the measurements are stored in a database. Flip-in, flip-out and tolerance values can be defined for each cap type.

The menu is clearly structured and can be operated via a touch screen. All stored measurement values are graphically prepared and can be displayed sorted by date.

A standard Ethernet output enables data transfer to external systems.



Measuring menu



Data base

Features

The Flip Tester consists of a control unit with touch screen and one cap adapter.

- Measurement of Flip and Flop in mbar
- Adapter for all common cap sizes available
- Plug-and-Play
- user-friendly touch design
- fast measuring cycle (approx. 5 sec.)
- integrated vacuum generator
- Ethernet connection
- 230 V AC / 6 bar

All common sealing caps can be tested by matching cap adapters

Child‘s play control of safety flip

ibea - product quality systems

Testing methods applied by ibea systems

- Standard image processing applications:
  inspection by camera of surface, texture, geometry, shape and dimensional accuracy, color, 2D and 3D measurement, holographic imaging, roughness, measurement of position and torsion, leak tightness
- Image processing, special applications:
  Heat-flow thermography by direct application of heat or ultrasonic initiation for structure checks, crack detection or the detection of other anomalies; UV light for fluxing agents or coating checks — crack detection, X-Ray
- Acoustic inspection:
  initiation by a hammer system
- Eddy current measurement:
  castings

What ibea systems inspect

- Ceramic tubes, ceramic insulators
- NoX sensors
- Sprinkler glasses, Sprinkler bodies
- Glass ampoules, plastic ampoules
- Syringes, syringe parts
- Laparoscopes, Biopsy forceps
- Catheter, Artery tubes
- Toothpaste caps or shoulders
- Blister packaging
  Tablets - color, cracks, size
- Silicone sealings and plastic sealings
- Metal packaging
- Plastic packaging
- Heavy ceramics and fine ceramics
- Concrete stones and boards
- Endless materials

Put our know-how to the test

Feel free to send us samples of your faulty products that need inspection. Please give us a short description of your conveying system, possibly including photographs. Please also include conveyor speed and part rate. We will prepare a comprehensive offer specified for your needs including accessories needed — all this at a very attractive price!

About Ibea

ibea develops and implements inspection systems for a perfect quality check — modular, future-proof, and flexible. It is our aim to ensure a trouble-free production around the clock. Our focus is on producing systems which are stable and maintenance-free. As a systems integrator we offer you comprehensive professional service from consulting to implementation.

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