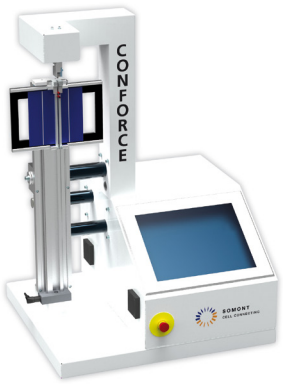


SOMONT
CELL CONNECTING

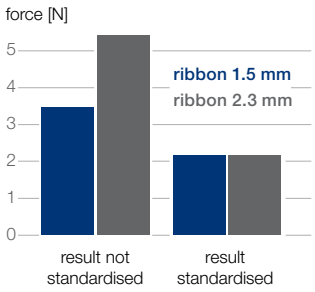
SOMONT CONFORCE

Standardised verification of cell/ribbon connection

High accuracy and flexibility combined

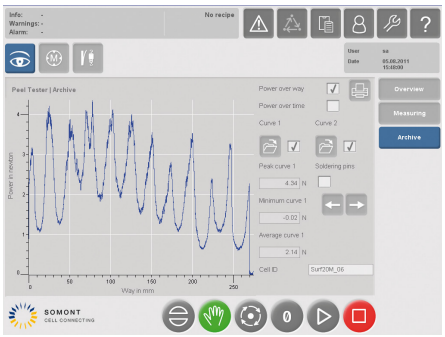
- Remarkable accuracy and data capture speed – ± 0,125 N, 500 data/s
- Flexible testing unit – for 4”, 5” and 6” cells, 2 or 3BB, adhesion peel force angle 90° or 180°
- Force standardisation – allows comparison of results with different ribbon widths
- High productivity due to a wide speed range (max. speed 15 mm/s)
- Compact design – application as a tabletop unit

Example



Reliable and reproducible peel results

- Simple comparison of test results – two peel test results can be displayed simultaneously
- Flexible measurement options: force vs. distance or force vs. time
- Powerful testing applications up to 25 N
- Saves an infinite number of test results including material and user ID, date, time and all parameters
- Storing of measurement values as CSV data or PDF
- Full PC integration for continuous monitoring of process parameters and results



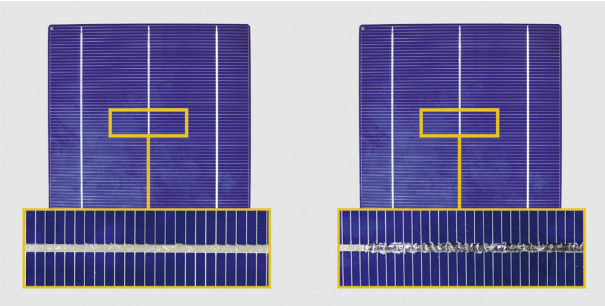
Curve analysis in the HMI

User and maintenance friendly

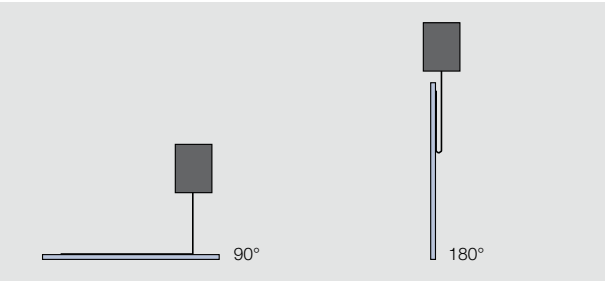
- Easy to operate – cell loading and changing of peel angle without the need for tools
- Intuitive, user-friendly and multi lingual HMI function, identical to Somont stringer
- Simple data saving and transfer for further analysis (two USB ports)
- Fast installation – simple to set up, calibrate and operate (“plug & play”)
- Results displayed during testing

Technical specifications SOMONT CONFORCE peel force tester

- Footprint (l x w x h): 660 x 600 x 960 mm
- Weight: approx. 35 kg
- Peel force angle: 90° or 180°
- Force capacity: max. 25 N
- Maximum speed: 15 mm/s
- Accuracy: ± 0,125 N, 500 data/s
- Operating temperature: +10.. + 50 °C



Images show results of two different soldering parameters after peeling



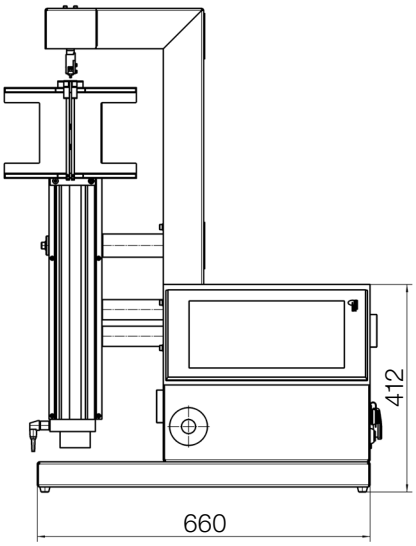
Adhesion peel force angle 90° or 180°

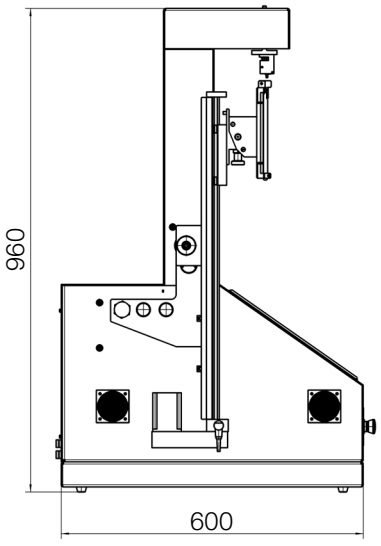
Power supply

- Connected load: 2 KW
- Voltage: 1 x 230 V/N/PE
- Current: 9 A
- Pre-fuse: 16 A

Cell details

- Cells Si mono- or polycrystalline, square or semi square
- Cell dimensions: from 4”, 5” to 6” cells, 2 and 3BB





Somont GmbH, info@somont.com, www.somont.com

We reserve the right to make changes reflecting technical progress (12/2011)