

Cobb Unger Tester

Water or oil absorption tester Premium

Code: D.511.xxx

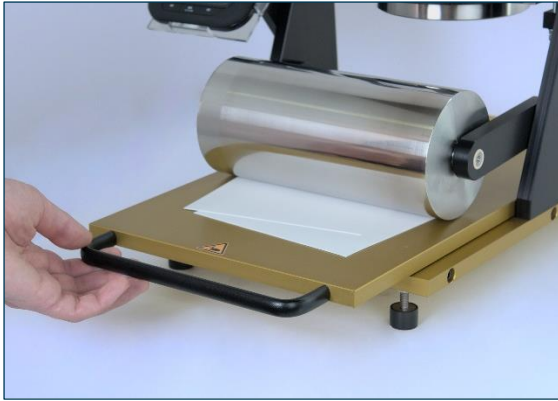
Usage

For measuring the water or oil absorption of sized samples.

Applicable standards

- ISO 535
- TAPPI T441
- SCAN P12
- EN 20535
- DIN 53132





No lifting of the 10 kg couching roll

Device description

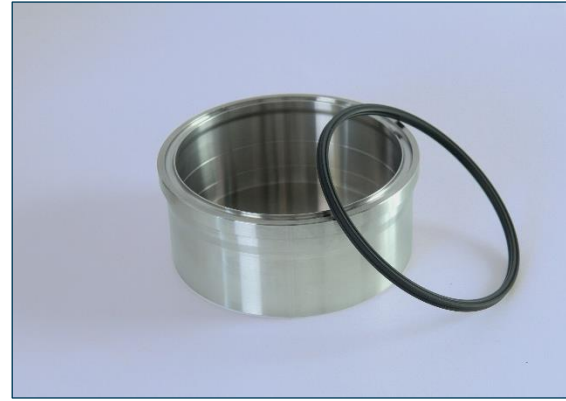
The Cobb-Unger oil and water absorption tester is different to a regular Cobb tester due to its pivotable liquid container and quick latch cover, which can be removed for easy cleaning. The integrated couching mechanism consists of the roll and the couching plate and allows effortless couching. The unit includes a digital stopwatch which starts automatically when the liquid container is rotated.

Process description

For the test the liquid container is filled with oil or water, placed into the unit, a weighed sample is placed over the container, the cover is closed and by using the handle on the side of the unit the container with the clamped sample is rotated. The pre-set time on the stopwatch begins to count. When the time has elapsed, a signal tone calls to activate the container in the start position. The sheet is removed and placed on the couching plate. It is then covered with a blotter and couched by pulling and pushing on the couching plate. The blotter is removed and the sample is weighed again to determine the sample's absorbency.

Specifications

- pivotable container for oil/water test area of 100 cm² (other options available)
- easy to clean due to removable vessel
- quick clamping device for convenient insertion of the sample
- integrated stopwatch with timer function and automatic start via container rotation
- integrated couching device
- no lifting of the heavy 10 kg couching roll
- max. sample thickness: 4,5 mm
- incl. sample template
- incl. blotting paper for Cobb tests



Different sizes of test area available

Models

| Code | Description |
|---------------------------|--|
| D.511.100 | Cobb Unger 100 cm ² (standard) |
| D.511.100.D | Cobb Unger 100 cm ² with special seal set |
| D.511.50 | Cobb Unger 50 cm ² |
| D.511.50.D | Cobb Unger 50 cm ² with special seal set |
| D.511.10 | Cobb Unger 10 cm ² |
| D.511.10.D | Cobb Unger 10 cm ² with special seal set |
| Consumables | |
| D.511.V1 | blotting paper 140 x 140 mm |
| Accessories & Spare Parts | |
| D.511.SP1.D | special seal kit for 10 cm ² |
| D.511.SP2.D | special seal kit for 50 cm ² |
| D.511.SP3.D | special seal kit for 100 cm ² |
| D.511.SP4 | water tank & lid test area 100 cm ² |
| D.511.SP4.D | modified water tank & lid with special seal kit area 100 cm ² |
| D.511.SP5 | water tank & lid test area 50 cm ² |
| D.511.SP5.D | modified water tank & lid with special seal kit area 50 cm ² |
| D.511.SP6 | water tank & lid test area 10 cm ² |
| D.511.SP6.D | modified water tank & lid with special seal kit area 10 cm ² |
| D.511.SP7 | modified triple timer |
| D.511.SP8 | triple timer holder |
| D.511.SP9 | sample template |