

COBB-UNGER

OIL & WATER ABSORPTION TESTER

For determination of oil or water absorption of paper or board.

- › Turnable oil and water vessel, easy to clean
- › Quick clamping device for easy insertion of a sample
- › Stop watch with timer-function and automatic start
- › Integrated couching device, no lifting of the roll needed



Nickname: "Lady Cobb"

Applicable standards

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



For easy cleaning the vessel can be removed



Couching by moving the couching plate



COBB-TESTER with separated couch roll

Device description

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

Test description

The liquid container is filled with oil and water and placed in the unit. A weighed sample is placed over the container and the cover is closed. A handle on the side of the unit is used to rotate the container with clamped sample, and the preset time on the stopwatch begins to count down. When this time has elapsed, a signal noise is heard, and the container can be rotated to the start position. The wet 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 weighed again to determine the sample's absorbency.

Specifications

- ✓ Turnable oil and water vessel
- ✓ Easy to clean due to the removeable vessel
- ✓ Quick clamping device for easy inserting of the sample
- ✓ Integrated stop watch with timer-function
- ✓ Integrated couching device
- ✓ Suitable for castor oil in case of food tests as well as for water in case of paper tests

Technical data

Electrical connection	Battery
Water connection	No
Compressed air	No

Models

- *COBB-UNGER with integrated couch roll and Stop watch*
- *COBB-TESTER with seperated couch roll for paper*
- *COBB-TESTER with seperated couch roll for board*