

# BFCS 300; Brake Fluid Tester

Brake fluid is hygroscopic, i.e. it absorbs a lot of water in the course of time. This will lower its boiling point and increase the risk of steam bubbles forming. This is why the brake fluid needs to be checked regularly in the workshop and replaced if necessary.

The brake fluid test equipment ATE BFCS 300 allows the boiling point of all standard glycol-based brake fluids (DOT3, DOT 4, DOT 5.1) to be measured. It works using the principle of immersion heating, the only way to determine the exact boiling point no matter which brake fluid is used.

For the test process, a disposable pipette is used to take a sample of the brake fluid from the fluid reservoir and place this in a disposable sampling vial. Both the pipette and the vial are included in the ATE sampling set. Then the brake fluid sample is heated in the ATE BFCS 300 to boiling. The temperature value determined (up to 300 °C) is shown digitally on the front of the equipment and can be documented using the printer which is optionally available. The measuring process itself only takes approx. 30 seconds.

An integrated short and long-term counter saves the number of measurements carried out. The last 10 measurements can be retrieved via the modern membrane keyboard and printed using the optional printer. The wide range power adapter provides options for voltage supplies from 90 – 250V. The ATE BFCS 300 has the CE test mark.

Power consumption during the measuring process:	170 VA
Power consumption on standby:	33 VA
Dimensions: H x W x D:	180 x 225 x 225 mm
Weight:	1.6 kg



## Benefits

- | Precise determination of the boiling point using the immersion heater method
- | Can be used for all brake fluid types on a glycol-basis with a boiling temperature of up to 300 °C
- | Extremely easy to use

## Shipment

- | Complete unit
- | Power cable, Euro (Typ F)
- | Five disposable pipettes and five disposable sampling vials
- | Operating manual

## Technical Specification

Accuracy at 150-200°C:	+/- 4 to +/- 6 °C
Accuracy at 200-280°C:	+/- 7 to +/- 9.5 °C
Accuracy at 280-300 °C:	+/- 10 to +/- 15 °C
Measuring time:	15 to 35 seconds

## Accessory

Sampling set BFCS 300	To sample and determine the boiling point of brake fluid using the ATE BFCS 300.
Printer BFCS 300	Document measuring results fast
Power Cable JPN	Power cable with non-heating device plug
Sensor head	Spare part for ATE BFCS 300
Rolls of printer paper	Spare rolls of thermal printer paper for brake fluid tester BFCS 300

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