

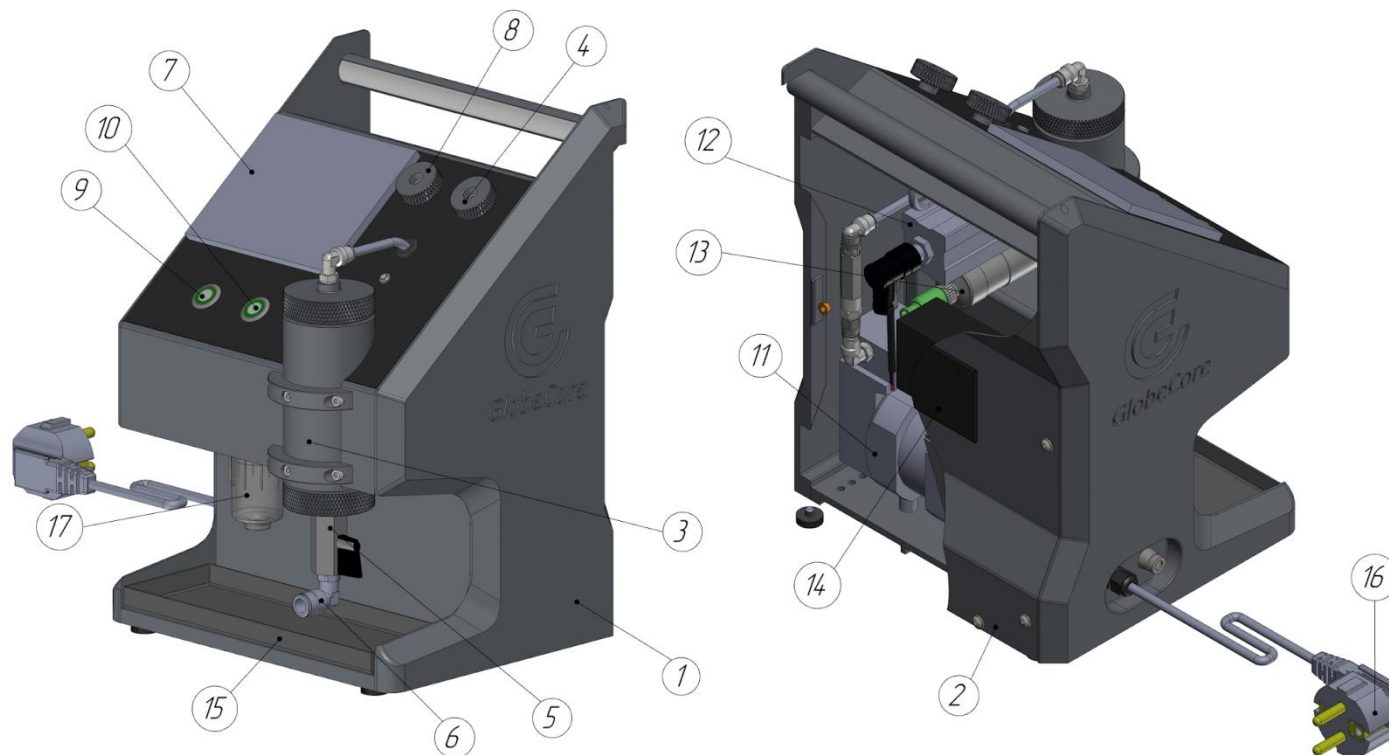
TOET-2 Hydrogen/Moisture Express Tester

The dissolved hydrogen and moisture monitor provides critical and timely information necessary to keep the entire transformer fleet operating reliably and safely. The TOET-2 transformer oil express tester performs a high-precision test of the hydrogen and moisture content both in mineral oils and in various ester-based oils.



Parameter	Value
Range, ppm	25-5000
Precision	20% of indication or 25 ppm
Repeatability	10% of indication or 15 ppm
Response time	<60 minutes (90% of step change)
Cross-sensitivity	Less than 2% cross-sensitivity to other gases (CO, CO ₂ , hydrocarbons)
Sample temperature, °C	0...55
Required power, W	60
Single phase 50Hz AC power supply voltage, V	220
Dimensions, mm	
- length	235
- width	265
- height	350
Weight, kg	10

TOET-2 DESIGN:



- 1** – housing;
- 2** – back panel;
- 3** – oil intake container;
- 4, 5** – ball valves;
- 6** – oil inlet/outlet fitting for oil humidity sample container;
- 7** – LCD panels;
- 8** – relief valve;
- 9** – tester on/off button;
- 10** – vacuum pump on/off button;
- 11** – vacuum pump;
- 12** – hydrogen sensor;
- 13** – moisture sensor;
- 14** – printer;
- 15** – oil pan;
- 16** – 220 V power cable;
- 17** – oil sump