


Smartrox

Airtightness checking machine for smartphone by measuring deformation under air pressure

Datasheet, 16.05.2023, V2.0

 Engineered and made in Switzerland

Device for testing the watertightness of smartphones and mini-tablets without risk of damage, using pressurized air.

It operates at a maximum pressure of 1 bar (~10 m meters under water).

Its graphical menu lets you customize programs, and it's also possible to remotely supervise and save test data via an application.

Machine functions

- Suitable for a wide range of smartphones
- Deformation measurement
- Progressive exhaust
- Color touch-screen LCD 480 x 272 mm
- USB connections, RJ45 for data transfer and mini USB type B for maintenance

Software functions

- Intuitive menus in 5 languages
- Programmable pressure and cycle time parameters
- Memorizing up to 10 different test programs
- Application for supervising and saving test data via Ethernet



Technical specifications

Supply voltage :	110-230 V / 50-60 Hz
Power :	25 W
Working pressure :	0 to 1 bar
Maximum inside dimensions (l/d/h) :	200 x 120 x 15 mm
Useful inside dimensions for test (l/d/h) :	190 x 110 x 13 mm
Ambient humidity rate :	Between 30 and 60 %
Ambient temperature :	20 to 28 °C
Weight :	16,5 kg
Dimensions closed device (l/d/h) :	420 x 255 x 205 mm
Dimensions open device (l/d/h) :	420 x 275 x 375 mm

