



DALE601/601E *Electrical Safety Analyzer*

The DALE601 provides solid reliability for comprehensive electrical safety testing. With features such as outlet indicators, universal ECG-lead connectors, selectable AAMI or IEC test load, and a clearly labeled single-master function switch, tests are easy to perform. Besides its simple operation, the DALE601 provides the accuracy you require in a portable package.

The DALE601E offers all the same great features as the DALE601, but in a 230 V ac version with a variety of power-connector configurations.



Key features

- Small, lightweight, self-contained portable instrument
- Five universal ECG lead connectors for testing all types of applied parts

Specifications

Mains voltage

DALE601-1515: 15 A @ 120 V, 50/60 Hz
DALE601-1520/2020: 20 A @ 120 V 20 % duty cycle
DALE601E: 10 A @ 230 V, 50/60 Hz

DUT power

DALE601-1515: 15 A @ 120 V
DALE601E: 10 A @ 230 V
DALE601-1520/2020: 20A @ 120 V, 20 % duty cycle

Instrument current

DALE601-1515 range/accuracy: 0 to 14.99 A $\pm 5\%$ R, ± 1 LSD;
DALE601-1520/2020 range/accuracy: 0 to 19.99 A $\pm 5\%$ R, ± 1 LSD;

DALE601E range/accuracy: 0 to 9.99 A $\pm 5\%$ R, ± 1 LSD;
Resolution: 10 mA

Ground (earth) resistance

Range/Accuracy: 0 to 1.99 Ω $\pm 1\%$ R ± 1 LSD; 2 to 19.99 Ω $\pm 2\%$ R ± 1 LSD
Resolution: 10 m Ω

Leakage current

Range: 0 to 1999 μ A
Accuracy:
DC & 25 Hz to 1 KHz: $\pm 1\%$ R ± 3 LSD
1 KHz to 100 KHz: $\pm 2.5\%$ R ± 3 LSD
100 KHz to 1 MHz: $\pm 5\%$ R ± 3 LSD
Resolution: 1 μ A
Type Measurement: True-rms

Isolation test

Voltage : Mains voltage
Current : Limited @ 1 mA

Controls

1. Function Switch: 9-position rotary
2. Lead Switch: 6-position rotary
3. Neutral Switch: 2-position rocker (open/closed)
4. Polarity Switch: 3-position rocker (normal/off/reversed)
5. Leakage Switch: 2-position rocker (chassis/earth)

Dimensions:

4 in L x 7.8 in W x 1.6 in H
(102 mm L x 196 mm W x 41 mm H)

DALE601/601E

Electrical Safety Analyzer

Ordering Information

Model

- 2249288: DALE601-1515
Electrical Safety Analyzer: US/120 V
15-A NEMA power plug with
15-A female power connector
- 2249295: DALE601-1520
Electrical Safety Analyzer: US/
120 V, 15-A NEMA plug with 20-A female
power connector

- 2249301: DALE601-2020
Electrical Safety Analyzer: US/
120 V, 20-A
NEMA plug with
20 A female power connector
- 2249399: DALE601E Electrical
Safety Analyzer:
US/230 V
- 2249416: DALE601E Electrical
Safety Analyzer:
Schuko/230 V
- 2249402: DALE601E Electrical
Safety Analyzer:
Australia/230 V

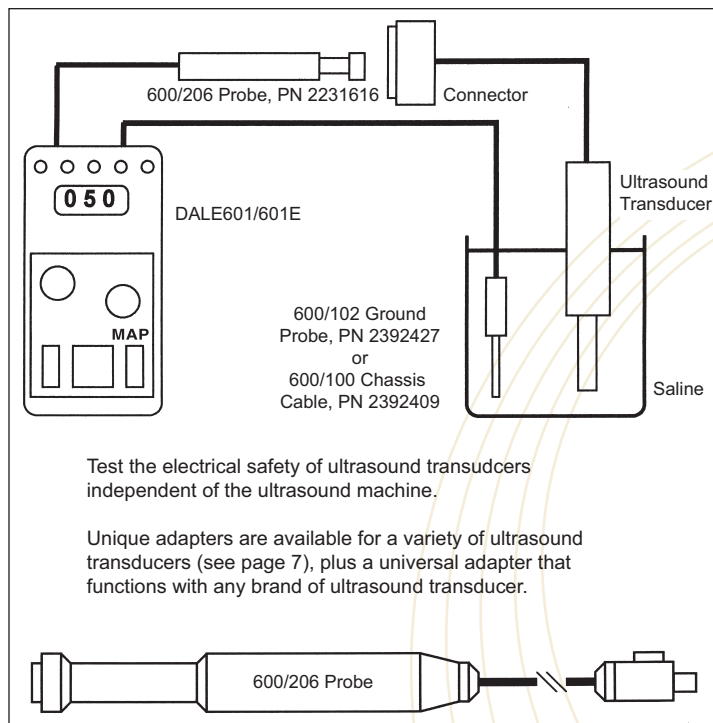
- 2249425: DALE601E Electrical
Safety Analyzer:
Israel/230 V
- 2249433: DALE601E Electrical
Safety Analyzer:
Italy/230 V
- 2249440: DALE601E Electrical
Safety Analyzer:
Switzerland/230 V
- 2249457: DALE601E Electrical
Safety Analyzer:
United Kingdom/230 V

Standard accessories

- 2392409: Chassis leakage cable,
coil cord, 8-foot
extended
- 2243573: Operators manual
- 2392584: Soft carrying case

Optional accessories

- 2392448: External leakage cable,
coil cord, 8-foot
extended
- 2231563: External leakage cable,
coil cord, 16-foot
extended
- 2392409: Chassis leakage cable,
coil cord, 8-foot
extended
- 2392411: Chassis leakage cable,
coil cord, 16-foot
extended
- 2231616: Universal ultrasound
probe tester
- 2231830: Hard-sided carrying
case



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