

[®]
Trovan

GR 251



- Long reading ranges
- Maximized read area
- Rugged, ergonomic design
- Multi-system read capability:
Trovan, AVID encrypted,
Destron FECAVA and clones,
FDX-B

trovan[®] GR 251

Portable Reader,
Multi-system
High Performance

The TROVAN GR-251 High Performance Multi-system Portable Reader is designed specifically to operate in the most demanding environments, such as marine research applications and animal shelters. It is designed to quickly locate and accurately read a transponder, if there is one present, under the most adverse conditions. For this reason, read range and read area coverage have been maximized. This enables operators to quickly locate and read the transponder, even if it is not located where expected due to misapplication and even if the scanning time is severely limited. Unruly animals and hurried work conditions often cause readers to be dropped or knocked off a counter onto the floor. The reader may be hosed down to insure sanitary conditions. For these reasons, the GR-251 reader case is manufactured with heavy duty ABS and glass-filled polycarbonates that are securely fastened together. It is sealed to prevent moisture, caustic chemicals and salt air from intruding inside the case and damaging the electronics.

OPTIONAL ADDITIONAL EQUIPMENT

CAB-250 RS-232 comms cable, for GR-250 reader

PA-250 Spare battery pack, NiCad

DIMENSIONS

Width 175 mm (6.9 in.)

Length 297 mm (11.7 in.)

Height 114 mm (4.5 in.)

WEIGHT

approx. 1.3 kg (2.9 lbs).

BATTERY/POWER REQUIREMENTS

Easily replaceable 12 V rechargeable

NIMH battery pack

SUPPLY CURRENT

Antenna activated 173 mA

Antenna deactivated 26 mA

DISPLAY

LCD (2 lines x 16 characters)

INDICATORS

Red and green LEDs, buzzer

PROCESSOR

Philips P89C668

MEMORY

8 KB RAM, 64 KB Flash

3,072 readings with time and date stamps

INTERFACE

RS232, up to 19,200 baud

HUMIDITY

95% non-condensing, splash proof

MATERIAL

ABS UL 94 H

OPERATING TEMPERATURE

-28°C to +66°C (-20°F to +150°F)

READ AREA

35.5 cm (14 in.)

READING DISTANCE

ID-100 up to 24 cm (9.45 in.)

Home Again/Digital Angel (12 mm glass tag)

up to 20 cm (7.9 in.)

AVID encrypted (12 mm glass tag).

up to 15 cm (5.9 in.)

FDX-B (12 mm glass tags, various brands)

up to 23 cm (9.1 in.)