

DATASHEET



Rapiscan[®] Systems Metor 28e is a unique hand metal with enhanced capabilities, detecting objects made of all metal, both ferrous and non-ferrous.

Hand-held metal detectors are an integral part of the physical security screening process. With the Metor 28e, we have designed a unit that benefits security personnel as well as the person being scanned. Our unique angled design allows you to thoroughly scan an individual, while keeping your hand away from their body.

UNIFORM DETECTION OF ALL METALS

LONG BATTERY LIFE, FAST CHARGING

MICROCONTROLLER TECHNOLOGY

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Fully digital design guarantees consistent calibration-free operation and provides versatile programmable functionalities.

SENSITIVITY

Programmable sensitivity levels:

- Level 1: Small handguns and knives
- Level 2: Razor blades, handcuff keys
- Level 3: 22 cal. bullet, metal shanks

ALARM INDICATION MODES

Audible-visual and Vibration/Silent-visual with adjustable alarm tone, vibration strength. The alarm tone proportional to the size of the detected object.

FAST CHARGING

Fast charging capability allows recharging batteries fully between work shifts.

SECURE AND ADJUSTMENTS

All settings can be locked to prevent unauthorized parameter changes by operators.

UNIQUE DESIGN, RUGGED AND LIGHTWEIGHT

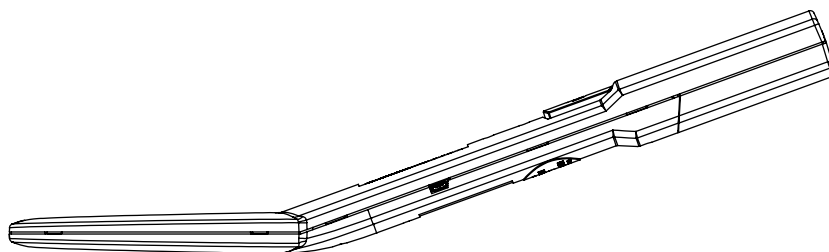
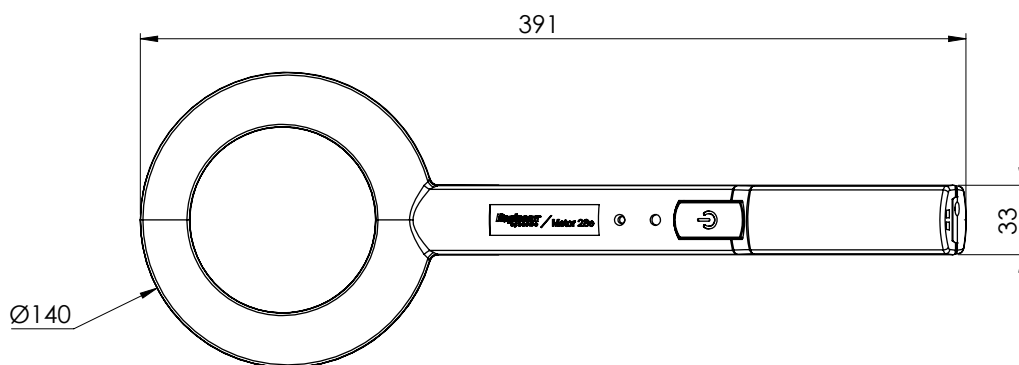
Highly impact resistant ABS case provides excellent durability and light weight. The circular opening assists in pointing metal objects. Comfortable handle and wrist strap for easy control and grip.

LONG BATTERY LIFE

Very long operating time with two AA-batteries, (rechargeable NiMH, disposable alkaline or lithium battery). Low battery and empty battery warnings.

UNIFORM DETECTION

Metor 28e detects objects made of all metals, both ferrous and non-ferrous.



PHYSICAL SPECIFICATIONS

DIMENSIONS (BODY) L 410 mm (16.35 in)
W 140 mm (5.5 in)

DIMENSIONS (GRIP) H 33 mm (1.3 in)
W 33 mm (1.3 in)

WEIGHT (BATTERY INCLUDED) 280g (9.9 oz)

CONFORMITY

Complies with the applicable magnetic field standards concerning human exposure and pacemaker safety

Conforms to the applicable standards for electrical safety and EMC

NRTL certified

SPECIFICATIONS

AMBIENT OPERATING TEMPERATURE - 40°C (- 40°F) to + 60°C (+ 140°F)

CHARGER TYPE Standard Micro-USB
5VDC | 1-2 A

CHARGING TIME 3 hrs

BATTERY SAVER 1 hrs non use atm - shutdown

POWER SUPPLY 2 AA batteries (rechargeable NiMH, disposable alkaline or lithium battery).

BATTERY LIFE Up to 500h, typical 300h with rechargeable NiMH battery. 2500mAh battery capacity.

BATTERY LIFE (EXTRA) Up to lifetime based on standby current (no alarm), typical based on 10% audible alarm / 90% standby.

ACCESSORIES AND OPTIONS

Plug in Universal micro-USB charger

Belt holder

Carrying case (soft bag)