

HANDY MAGNA



A-1



A-2



A-4



A-6



TE-2

The best-selling portable yoke electromagnet HANDY MAGNA has a dominant market share for its excellent detection ability and abundant variety of types. Contact magnetic poles directly with test objects and apply magnetic particles, hold down the switch and magnetic particles indications will appear where the defects are. Best for welded area.

●Type

A-1	Standard type. Mainly used for welding, universal yoke
A-2	Small and light-weight type of A-1 convenient for long time inspections. Universal yoke is optional
A-4	Flexible yoke. Multi-purposes and wide applications
A-6	Small and light-weight type of A-4
TE-2	Ideal for local and small area, Good portability inspections

●Configuration

- Body (with a micro switch)
- 5 Meter power cord (3-core, two-type rubber cap tire cable)
- Steel carrying case

●Features

- AC continuous method achieves higher ability to detect surface defects by the skin effect.
- Yoke method suppresses an electric current flowing directly into the test objects, and avoids the possibility of sparking.
- Small, light, AC 200V or 220V (other voltage option) portable size.
- Any test objects can be inspected with HANDY MAGNA yokes.
- Waterproof switches minimize the risks of layer short or electric shock to human bodies in wet method.
- Type A-1, A-2 and A-6 are with potted cable. Tough and waterproof.

●SPECIFICATIONS

	A-1	A-2	A-4	A-6	TE-2
Rated current (A) 50 Hz	4.0	2.5	4.0	3.5	1.2
Rated current (A) 60 Hz	3.0	2.3	3.0	2.3	0.7
Total magnetic flux (mWb) 50 Hz	0.80	0.60	0.70	0.57	0.30
Total magnetic flux (mWb) 60 Hz	0.70	0.55	0.57	0.48	0.27
Leg Span (mm)	140	110	140	110	70
Magnetic pole section size (mm)	25X25	20X20	25X25	20X20	15X15
Weight without cable (kg)	3.2	2.0	3.6	2.0	1.2

●Duty cycle

- A-1, A-2, A-4 and A-670% (5-sec on, 2-sec off)
- TE-250% (5-sec on, 5-sec off)
- Lifting power (excluding TE-2)Above 10 pounds
- A-1 and A-6 are designed for 50 Hz + 60Hz