

Datasheet

Magnetic Pick-Up Wand



ECLIPSE
MAGNETICS



WORKSHOP

At A Glance

-  Quick and safe ferrous collection
-  Picks up iron and steel swarf & filings
-  Quick-release handle
-  Non-rusting design for durability
-  Long reach 900mm version

The Magnetic Pick-Up Wand is fantastic for use in the collection of very small ferrous debris such as iron or steel offcuts, chips and general swarf. They are also used to check for ferrous content in fluids, powders, etc.

The Magnetic Pick-Up Wand is made with a stainless steel casing allowing it to be very durable and non-rusting. It also features a quick release handle making dropping off the collected parts fast, easy and low-risk.

The Magnetic Pick-Up Wand is sometimes called a Magnetic Swarf Wand - it is great at picking up ferrous swarf, iron filings, and any chips/offcuts that are ferrous. They can also be used to check if powders or fluids contain any ferrous parts (please note that we manufacture dedicated Magnetic Sampling Probes using Food grade stainless steel for detecting ferrous contamination in Food and Pharmaceutical applications which are also used in higher performance requirement Industrial fluid applications). Up to 6.35kg (14lb) of ferrous contamination could be collected (depending on the magnetic properties of the material and its size/shape).

The Magnetic Pick-Up Wand has a quick-release handle to allow for a safe deposit of the collected ferrous parts into e.g. bin or tray. There is a plastic ring to protect the hand and to aid in the release of material. The 25.4mm (1 inch) diameter allows the Magnetic Pick-Up Wand to be lightweight. Two versions exist in this range - the longer version allows a longer reach to be achieved to collect the ferrous contamination e.g. from the bottom of a deep container.

The amount of material that can be collected will depend on the type of material (how magnetic it is), its size and shape.



Pick-Up Range

Benefits

- Collects ferrous offcuts, filings, chips, swarf, etc
- No need to touch the ferrous parts due to quick release handle
- Stainless steel casing allows for durability and corrosion resistance
- Lightweight

Materials

Magnetic Material	Proprietary Permanent Magnet grade material
Other Parts	Various, including Stainless Steel, Mild Steel, Plastic

Performance

Magnetic Performance	Up to 6.35kg (14lb) pull force - see next page
Magnet Type	Permanent Magnet Rod Assembly
Temperature Range	-40°C to +80°C (-40°F to +176°F)

Maintenance

- There is no specific requirement to regularly inspect this item
- Cleaning of surfaces can be achieved using a cloth (bearing in mind the magnetic face may have sharp debris on it but that can be dropped using the quick-release mechanism)

Suitability

Suitable Products	Ferrous materials (e.g. mild steel)
Suitable Location	Example - workshops, quality inspection, R&D

Alternatives

- Magnetic Sampling Probe (for Food, Pharmaceutical, Industrial Fluids)
- Long Reach Heavy Duty Hand-Held Magnetic Pick-Up Tool (ground level)
- Magnetic Pick-Up Tool (large round head with long reach for smaller areas)

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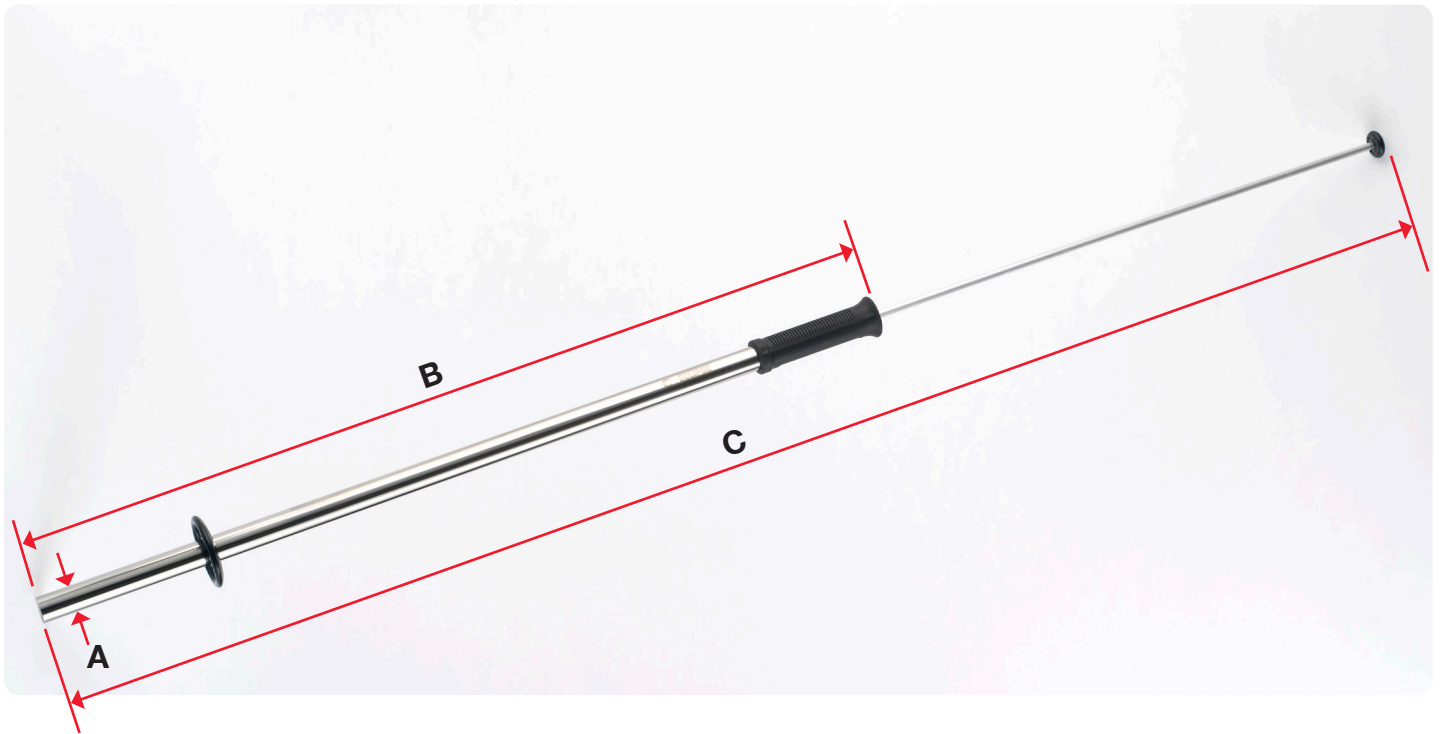
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Product Number	Dimensions (mm)			Weight (kg)	Pull Force* (kg)	Units per Pack
	Diameter A	Length (capture position) B	Length (cleaning position) C			
MW400	25.4	395	615	0.519	6.35	1
MW900	25.4	900	1610	0.728	6.35	1

* The Pull Force stated is the maximum each product can pull based on laboratory tests using highly magnetic materials. In most applications, the magnetic parts will be of varying shapes and sizes with varying magnetic permeability so it should be expected that your application is likely to hold less than the stated values.

For further assistance, please contact sales@eclipsemagnetics.com

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We cannot accept any responsibility or liability for any errors or problems caused by using any of the information provided.

Conversions Guide:-

1kg ≈ 2.204lb ≈ 9.806N

1lb ≈ 0.453kg ≈ 4.448N

1N ≈ 0.101kg ≈ 0.224lb

10mm ≈ 0.393in (≈ 25/64in)

1in ≈ 25.4mm

(the above conversion values are rounded down)



Eclipse Magnetics Work Smart with Magnets

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