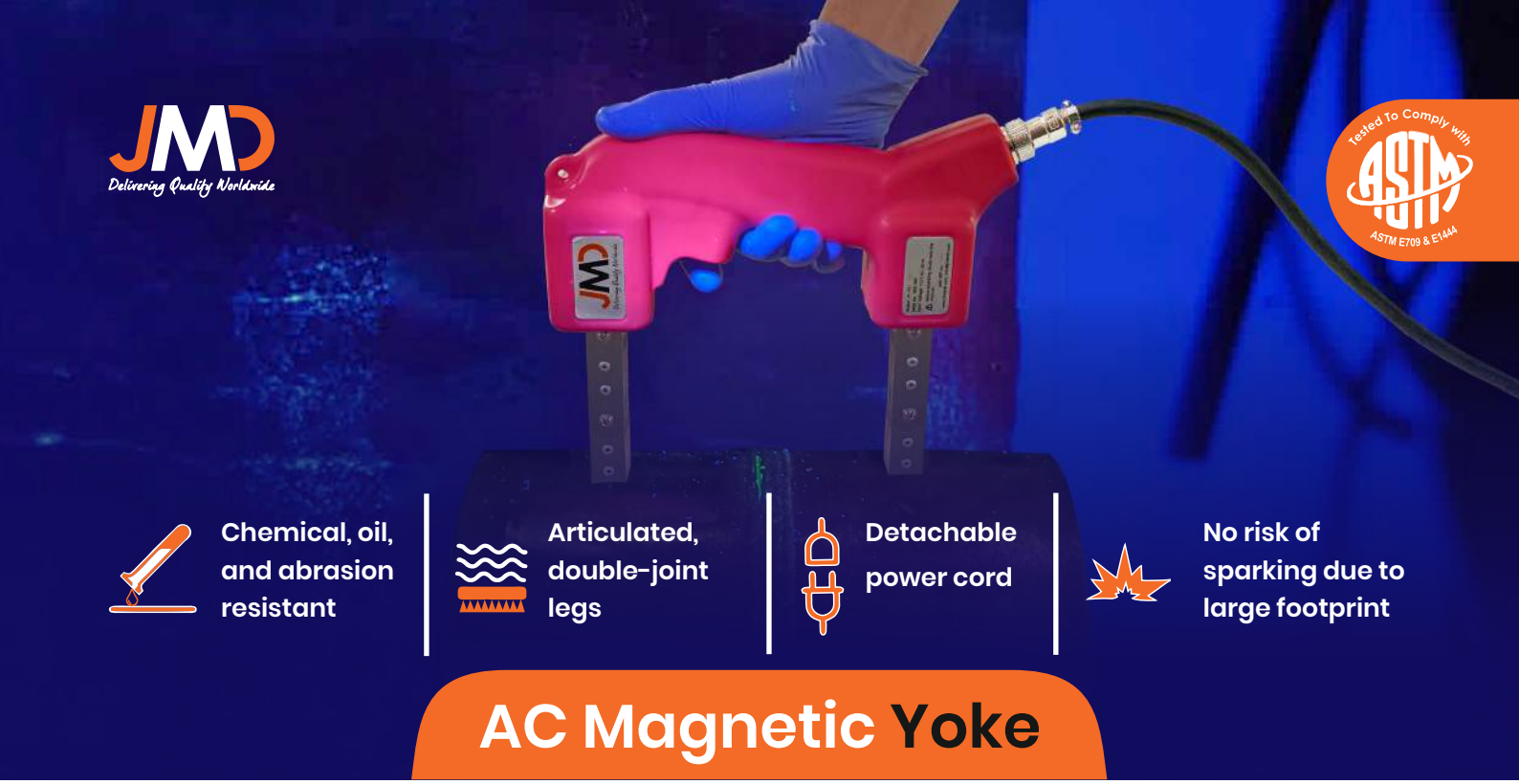

AC Magnetic Yoke

The JY-7A Yoke is a powerful AC magnetic yoke used for detection of cracks on surface during magnetic particle inspection. It is portable, lightweight and has detachable power cords for efficient use.

The yoke is chemical, oil and abrasion resistant and have articulated legs which can spread approx. (60-270mm). The yokes can be used with dry or wet method and can be applied with continuous magnetic fields.

The design allows the operator an excellent grip in a variety of testing conditions and reduces stress on the operator's hand. It is manufactured as per ASTM E 1444 & E709 standards.

Salient Features :

- Accessible grip, angled body for better position
- Powerful AC magnetic field
- As per ASTM E709 & ASTM E1444 standards
- Durable rugged construction
- Adjustable leg spacing
- Detachable power cord

Kit Contains :

- AC Yoke
- Power Cord
- Operation Manual
- Certificate of Conformance

Technical Specifications:

Electrical Requirement	:	110 volt - 60 Hz: 4.5 Amp
Waveform	:	AC (Single Phase)
Tangential Field Strength	:	2 KA/m RMS at center
Lifting Force	:	10 lbs / 4.5 Kg
Duty Cycle	:	50 % (Max 5 sec on/off)
Yoke Weight	:	4.41 lbs / 2 Kg
Leg Span	:	2.5"-10.2" / 65-260 mm
Pole Contact	:	20 x 20 mm
Power Cord Length	:	3 Meter / 10 ft.

Order Part No. :

- JY-7A
- Standard Warranty: 12 months.

JMD Brochure Yokes 2026/01

* Subject to terms & conditions Apply

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