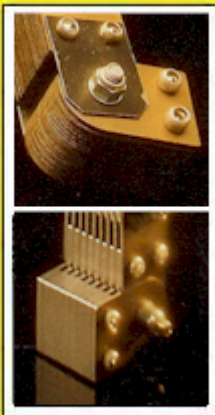


YOKE ELECTROMAGNET



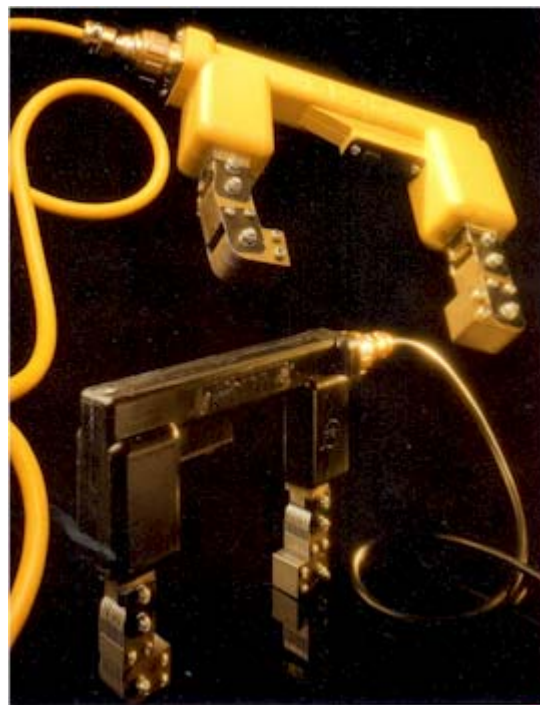
The ELY H007/8/9 CEY ADJUSTABLE YOKE ELECTROMAGNET is commonly used for magnetisation of ferromagnetic materials during magnetic particle inspection.

Welds in pipes, pressure vessels, fabrications and individual components such as crankshafts, gears or castings can be easily tested for defects.

Operation of the yoke is carried out by selecting the correct voltage unit, placing of the poles on the test area, pressing the energising switch and applying Ferromor dry powder, SUpamor visual or Lumor fluorescent particles to the test area whilst the component is being magnetised. (Note application of magnetic particles should cease before power is switched off.)

Visual inspection should then be carried out under diffused light of at least 500 lux (45 ft cdl) with a minimum of 1200 μ watts per cm^2 for fluorescent inspection.

White contrast paint (WCP712/722) may be used on dark substrates to provide better contrast.



UESSETI 2000® S.r.l.

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www.uesseti.com

YOKE ELECTROMAGNET

TECHNICAL INFORMATION

Specification: ASME V, BS6072, EN ISO 9943-3:2002

Lifting power: Greter than 6kg when used with alternating current, 50/60 Hz.

Supply voltage: 240V 50Hz, 110V 50Hz, 48V 50Hz

Field strength: Greater than 2400A/m (30 oersteds)
Between ploes 150mm

Cable Lenght: 10m (32 ft)

Weight-Yoke: <3.5Kg (7.7 pounds)

CEY 240V Magnet: Part.N.H007 (220/240V AC)

CEY 110V Magnet: Part.n.H008 (220/240V AC)

CEY 48V Magnet: Part.n.H009 (48V AC)

For 24V use a CEY 48 elettromagnete with a step down transformer

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