

MPI – UW MAGNETIC PARTICLE INSPECTION ISPEZIONE SUBACQUEA CND A PARTICELLE MAGNETICHE

GENERAL DESCRIPTION

MPI EQUIPMENT FOR UNDERWATER USE

Used for the detection of surface and near-surface flaws (ie crack) in ferromagnetic materials.

The flexible ferrous PROBE YOKE induces a magnetic field with a DC current.

The JOKE is powered by a specific PSU unit that convert AC current and generate a DC pulsed output.

TECHNICAL SPECIFICATION

MPI SYSTEM	
External Power Supply	220 Vac
Probe current	12 -24 Vdc – 3 A
Cable lenght	150 m
Mechanical capacity	0 – 12"
Magnetic force	6,8 kg (15 lbs) lift capacity
Magnetic Particle	wet with oil type K
Particle size	diam. 3-10 μ m



MPI System with PSU – Cable and Probe Yoke

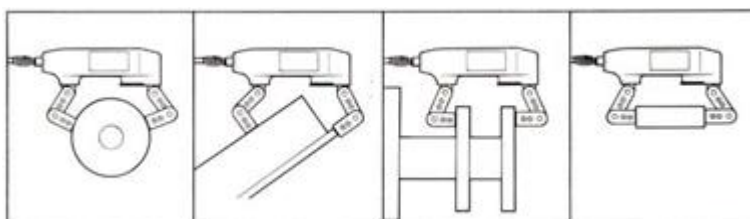


Probe Yoke



DC pulsed
Power Supply

Input: 220 Vac
Output: 24 Vdc



Sede Legale:

Via G. Gandino, 20 – 40137 Bologna (BO) - Italy

P.IVA / C.F. 02470030392

E-mail: marinec@marinec.com - [Http://www.marinec.com](http://www.marinec.com)

Sede Operativa Ravenna:

Via A. Bonvicini, 13 – 48123 Mezzano (RA) – Italy

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Sede Operativa Siracusa:

C.da Bondifè snc – 96010 Melilli (SR) – Italy

WOOD LAMP

Wood Lamp	
Max operating depth	300 m
Weight	in air 6,5 kg
Intensity	9000 W/cm ² a 0,3 m
Power Supply	220 Vac
Safety	PSU isolated with dedicated transformer



Wood Lamp System with PSU – Cable and Lamp



Wood Lamp particular



Safety Transformer

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