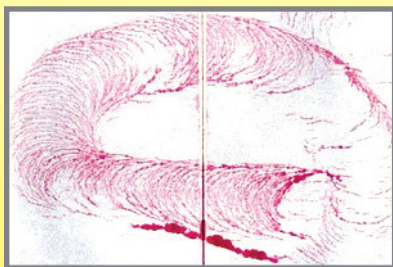


# NDT ITALIANA

*Since 1952, the best Non Destructive Testing*  
***“Best Products and Instruments for NDT”***

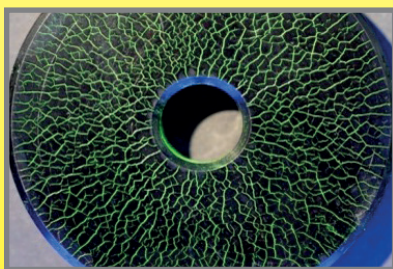


## LIQUID PENETRANTS

Visible

Fluorescent

Liquid Penetrant Systems



## MAGNETIC PARTICLES

Visible

Fluorescent

Dual



## COUPLANT GELS

Standard Temperatures

High temperatures

Special Applications

***...Ultraviolet Lamps, Magnetic Yokes, Leak Detection and more...***



**Ask more information now !!!**

**NDT ITALIANA srl**  
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CERTIFICATES CONFORMS TO:  
EN ISO 9934, ASTM E709 - E1444 - E3024, ASME Sez V art. 7, API,  
RCCM, etc.

Supplied with: Conformity Certificates and Safety Data Sheets

## MAGNETICS

### Products

### Description

### Special Characteristics

FW1



**Fluorescent  
magnetic particles**

**HIGH  
LUMINESCENCE**



- ✓ Conforms to ASME Sect V art. 7, ISO 9934, ASTM E709: can be used also with visible wavelengths (dual)
- ✓ Very High sensitivity, Ref. Block EN-ISO 9934-2 Type 1 fine cracks are shown
- ✓ Responds quicker to the magnetic field applied, with brighter indications and no background

BW2



Black magnetic particles



- ✓ High sensitivity, Ref. Block EN-ISO 9934-2 Type 1 fine cracks shown
- ✓ Remains on the indications longer

WBL5



White Background  
Lacquer



- ✓ Fast Drying
- ✓ Spray cans don't clog
- ✓ Very thin coating (5 microns) increases the indications visibility
- ✓ Easily removable with BIO.Remover BC1

## PORTABLE MAGNETIC YOKES AND UV LAMPS



Portable Magnetic  
**Silver Yoke**

CERTIFICATES:  
ASME SECT V art. 7,  
ASTM E709,  
ASTM E1444,  
UNI EN ISO 9934



- **SY2:** AC magnetic yoke, light and economical
- **SY1:** AC or DC by a simple switch
- **SY3:** AC safe low voltage 48V
- NEW** ● **Lithium Battery Kit 12V for yokes and portable inverter for AC/DC with no wires!**



**UV Lamps**

CERTIFICATES:  
ASTM E3022  
EN ISO 3059  
ASTM E2297



- New **LED UV lamps:**
  - ✓ Long life and low consumption
  - ✓ Low power voltage
- **BLACKLIGHT BATTERY TORCH:**  
High intensity UV LED Lamp up to 8.000  $\mu\text{W}/\text{cm}^2$  at 38 cm/15 inches  
Very light and small size!





CERTIFICATES CONFORMS TO:  
EN ISO 3452, ASTM, ASME Sect. V art. 6, RCCM, etc.  
Supplied with: Conformity Certificates and Safety Data Sheets

## PENETRANTS

Products	Description	Special Characteristics
<b>K71B2p</b>	Red Penetrant Type 2 Method A,C,D,E. Level 2	<ul style="list-style-type: none"> <li>✓ <b>Qualified for use from -10°C to +100°C</b></li> <li>✓ High sensitivity</li> <li>✓ Rapidly washable = faster inspection and lower water consumption</li> <li>✓ Low background</li> <li>✓ Lower penetrant consumption due to low viscosity</li> </ul>
<b>D112A</b>	White Developer solvent-based Form D,E	<ul style="list-style-type: none"> <li>✓ Excellent results, the thin white particles dry rapidly leaving a thin and uniform layer designed for highest sensitivity and definition of the indications</li> <li>✓ Easily removable after test</li> </ul>
<b>BC1</b>	Solvent Remover Class 2	<ul style="list-style-type: none"> <li>✓ Excellent solvent action used both as pre-cleaner and as penetrant remover</li> <li>✓ No bad smells, doesn't leave dints</li> </ul>

## SPECIAL LIQUID PENETRANTS

<b>K71HT D200</b>	Red Penetrant and Developer <b>HIGH</b> (200°C) Temperatures	<ul style="list-style-type: none"> <li>✓ Reduce inspection costs by decreasing waiting time and energy to bring back to preheating temperature</li> <li>✓ Easily removable, leave no background by using the high temperatures remover Elite RHT1</li> </ul>
<b>K71B2.bio</b>	Red Penetrant Method A, C, D, E Type 2 Level 2	<ul style="list-style-type: none"> <li>✓ <b>No VOC and Not harmful</b></li> <li>✓ No oils = economical</li> <li>✓ Not flammable</li> <li>✓ Good washability with no background</li> </ul>

## FLUORESCENT LIQUID PENETRANTS TYPE 1

<b>K81B</b>	Water Based Petroleum-Free Sensibility level ½, 1, 2, 3 Method A	<ul style="list-style-type: none"> <li>✓ Self-Developing</li> <li>✓ Not flammable</li> <li>✓ <b>Economical</b></li> </ul>
<b>K81P/PE</b>	Water Washable or Post-Emulsionable Sensibility level 1, 2, 3, 4	<ul style="list-style-type: none"> <li>✓ Developers: D112A (Form d&amp;e), DP9 powder (Form a), DWS2 water suspendable (Form c), SD1 water soluble (Form b)</li> <li>✓ Hydrophilic emulsifier E81B</li> </ul>



*Systems and Cabins for  
Liquid Penetrants: Automatic,  
Semi-Automatic and Manual*


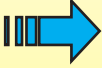

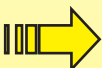

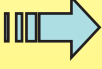



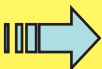














CERTIFICATES CONFORMS TO: ASME V, Art. 4 Par. T-433.2  
Non corrosive according to ASME sulphur and halogen free  
Not irritating, Odorless and Not Flammable

## COUPLANTS

Products		Description		Special Characteristics
<b>MATRIX</b>		<b>COUPLANT GEL</b> Ready for use, or can be diluted with water up to 1:1		✓ Thick blue gel, it does not dry, with antirust ✓ Usable from -20°C up to + 120°C
<b>FYr</b>				✓ Yellow fluorescent fluid economical for all surfaces, with antirust
<b>C 333</b>				✓ Blue dense thixotropic: special for corroded surfaces, welds, castings and forgings ✓ It dries leaving a non-slippery surface, with antirust
<b>FYp</b>		<b>COUPLANT IN POWDER</b> To be mixed with water, it becomes gel in a few minutes with no lumps. Density can be adjusted according to dilution		✓ Yellow fluorescent fluid economical for all surfaces, with antirust
<b>C 333</b>				✓ Blue dense thixotropic: special for corroded surfaces, welds, castings and forgings ✓ It dries leaving a non-slippery surface
<b>MHT</b>		<b>SPECIAL COUPLANTS</b>		✓ Paste for surfaces up to 300°C
<b>UHT</b>				✓ Paste for surfaces up to 520°C
<b>W4US</b>				✓ Water additive, immersion testing, squirters, etc.
<b>C200</b>				✓ Special gel for surfaces from -50°C up to +200°C

## LEAK TESTING

**GAS PROOF**



Bubble product for **LEAK TESTING**, safe and very sensitive to detect any leak of oxygen, methane, and other gas



### GAS PROOF FOR BUBBLE TEST

- ✓ Conforms specifications: DIN 2470, ASTM E 515
- ✓ Available in spray ready for use and in concentrated paste to be diluted in water
- ✓ Can be used directly on parts under pression, or with our special **VACUUM BOX**

