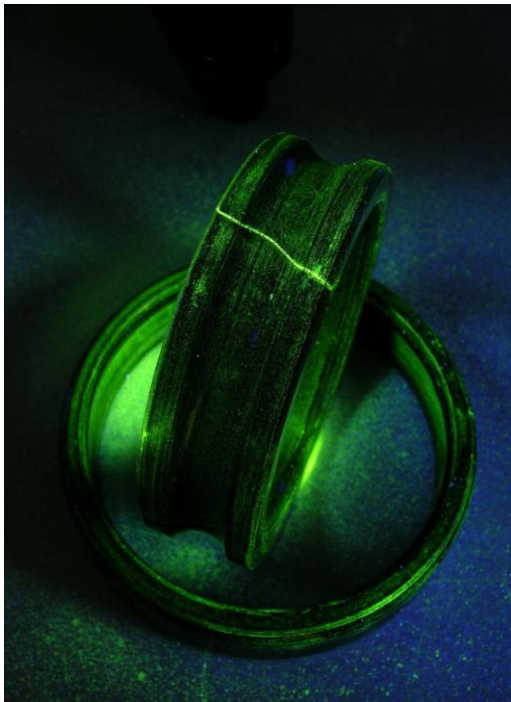


Non-destructive Testing

Product list



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Certified acc. to
SS-EN ISO 9001 : 2000
SS-EN ISO 14001 : 2004

BYCOTEST

Product List



Product	Pack size	Item code	
RED PENETRANTS			
Bycotest RP20 Water washable and solvent removable high-sensitive red penetrant. Level 2 according to EN ISO 3452-2. Non-corrosive according to ASME B&PV Code and EN-ISO 3452-2. Can be applied between +5 and ca +80°C.	Aerosol 400 ml 5 L 200 L	10-5008 10-5005 10-5001	
Bycotest RP20LT High-sensitive red penetrant for low temperatures, between -15 and +35 °C. Suitable to use together with cleaners C10 or C15 and developer D30.	Aerosol 400 ml 5 L	10-5028 10-5025	
Bycotest HTRP20 Red penetrant for high temperatures, between ca +80 and ca +260°C. To be used together with cleaner HTC25 and developer HTD60.	1 L 5 L	10-5017 10-5015	
FLUORESCENT PENETRANTS			
Bycotest FP42 Water washable and solvent removable high-sensitive fluorescent penetrant Sensitivity level 3 according to AMS 2644 (MIL-I-25135) Non-corrosive according to ASME B&PV Code and EN-ISO 3452-2.	Aerosol 400 ml 5 L 200 L	10-5118 10-5115 10-5111	
Bycotest FP400 High-sensitive fluorescent penetrant Biodegradable, based on readily degradable surfactants Sensitivity level 3 according to AMS 2644. Non-corrosive according to ASME B&PV Code and EN-ISO 3452-2. Water washable and solvent removable. Free from petroleum based solvents.	1 L 5 L 25 L 200 L	10-5137 10-5135 10-5133 10-5131	

Contact details, certificates, safety and product data sheets are available on www.bycotest.com

Product	Pack size	Item code	
DEVELOPERS			
Bycotest D30 High-sensitive developer for penetrant inspection with coloured or fluorescent penetrant Non-corrosive according to ASME B&PV Code and EN-ISO 3452-2.	Aerosol 400 ml 5 L	10-5208 10-5205	
Bycotest D30A High-sensitive developer for penetrant inspection with coloured or fluorescent penetrant Non-corrosive according to ASME B&PV Code and EN-ISO 3452-2. Weaker smell than Bycotest D30. Meets high demands of occupational health.	Aerosol 400 ml 5 L	10-5218 10-5215	
Bycotest D30W Aqueous, high-sensitivity developer.	5 L	10-5225	
Bycotest D38 Dry powder developer for fluorescent systems, preferably in PT-lines.	0,5 kg	10-5249	
Bycotest HTD60 Developer for high temperatures together with penetrant HTRP20	1 L	10-5237	
KITS FOR PENETRANT INSPECTION			
Red Penetrant Testing Kit containing 3 aerosols: Bycotest RP20, red penetrant Bycotest D30A, developer Bycotest C10, cleaner		10-8002	
Fluorescent Penetrant Testing Kit containing 3 aerosols: Bycotest FP42, fluorescent penetrant Bycotest D30A, developer Bycotest C10, cleaner		10-8003	
Red and Fluorescent Penetrant Testing Kit containing 4 aerosols: Bycotest RP20, red penetrant Bycotest FP42, fluorescent penetrant Bycotest D30A, developer Bycotest C10, cleaner		10-8004	

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Product	Pack size	Item code	
TEST PIECES FOR PENETRANT INSPECTION			
Test piece No 2 according to EN ISO 3452-3 For function control of penetrant system. Sensitivity and water-washability test.		14-0012	
PSM-5 (TAM-panel) For function control of penetrant system. Sensitivity and water-washability test. Five crack centres with star appearance of different size. Available with grit and polished surface.		14-0002 (grit) 14-0001 (polished)	
Test piece according to ASME Cracked aluminium test piece for checking penetrant systems. Two side-by-side comparison test areas.		14-0005	
Ni-Cr test pieces (JIS panels) Ni-Cr 10µm Ni-Cr 20µm Ni-Cr 30µm Ni-Cr 50µm Test pieces in pairs with identical defects for checking penetrant systems. Available with crack depth of 10, 20, 30 and 50 µm.		14-0006 14-0007 14-0008 14-0009	
LEAK DETECTION			
Bycotest FV47 Concentrate for leak detection of water and waste water systems and tightness test of tanks. Intensive yellow-fluorescent colour in black (UV) light.	1 L 5 L 25 L	10-5327 10-5325 10-5323	
Bycotest FO60 Fluorescent leak detection fluid for hydraulic oil systems. By adding 0,1 % FO60 to the oil, leakage can easily and quickly be detected by using blacklight.	1 litre to 1000 litres oil	10-5337	
FLUORESCENT MAGNETIC PARTICLES			
Bycotest 101 High sensitive, fine grained fluorescent magnetic ink in petroleum suspension (aerosol). Meets the technical requirements in SAE AMS 3046 Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN ISO 9934-2 The carrier fluid has very low background fluorescence and is non-aromatic.	Aerosol 400 ml 360° valve	10-3118	

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Product	Pack size	Item code	
Bycotest BY2500 Fluorescent magnetic particles for water suspensions Very high sensitivity for fine defects High fluorescent brightness Meets the technical requirements of AMS 3044 Particle size: 3 µm (mean value)	250 g	10-3107	
Bycotest BY2500 + SA90 Concentrate of fluorescent magnetic particles, anticorrosive, wetting and antifoam agent for water-based solutions Meets the technical requirements of AMS 3044 High sensitive magnetic powder for fine defects Concentration: 0,2-0,3 % (dilution:1:100)	100 ml conc for 10 L water susp 1 L conc for 100 L water susp	10-3126 10-3127	
Bycotest BY2500 + PM75 (carrier fluid) High sensitive product for magnetic particle inspection Fine grained fluorescent magnetic powder in petroleum suspension Meets the technical requirements of AMS 3045 Non-aromatic carrier fluid with very low background fluorescence. Concentration: 0,2-0,3 %	5 L ready to use	10-3115	
Bycotest BY2700 Fluorescent magnetic particles for use in water or petroleum suspensions Meets the technical requirements of AMS 3044 High sensitivity for fine defects High fluorescent brightness Particle size: 5 µm (mean value)	250 g 2,5 kg	10-3137 10-3134	
Bycotest BY2700 + SA90 Concentrate of fluorescent magnetic particles, anticorrosive, wetting and antifoam agent for water-based solutions Meets the technical requirements of AMS 3044 High sensitive magnetic powder for fine defects Concentration :0,2-0,3 % (dilution: 1:100)	100 ml conc for 10 L water susp 1 L conc for 100 L water susp	10-3156 10-3157	

Product	Pack size	Item code	
Bycotest BY2700 + PM75 (carrier fluid) High sensitive product for magnetic particle inspection Fine grained fluorescent magnetic powder in petroleum suspension. Ready to use. Meets the technical requirements of AMS 3045 Non-aromatic carrier fluid with very low background fluorescence and is non-aromatic. Concentration: 0,2-0,3 %	5 L ready to use	10-3145	
Bycotest XBY4000 High-fluorescent dry powder for temperatures up to 200 °C. Meets the technical requirements of AMS 3044 Particle size: ca 25 µm (mean value)	0,5 kg 5 kg	10-3067 10-3064	
Bycotest XBY4000 + SA90 Concentrate of magnetic powder for water suspension with anticorrosive, wetting and antifoam agent Meets the technical requirements of AMS 3044 Concentration: 0,2-0,3 % (dilution 1:100)	100 ml conc for 10 L water susp 1 L conc for 100 L water susp 250 ml conc for 10 L water susp	10-3086 10-3087 10-3069	
Bycotest BY6000 High-fluorescent dry powder for temperatures up to ca 200 °C Particle size: ca 200 µm (mean value)	25 kg 2,5 kg	10-3044 10-3047	
COLOURED MAGNETIC PARTICLES			
Bycotest 103 High sensitive fine grained black magnetic ink in petroleum suspension (aerosol) Meets the technical requirements in SAE AMS 3043 Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN ISO 9934-2. The carrier fluid is non-aromatic	Aerosol 400 ml 360° valve	10-3198	
Bycotest BY333 High sensitive black magnetic powder for water or petroleum suspension Particle size: ca 5 µm (mean value)	1 kg	10-3187	
Bycotest BY333 + SA90 Concentrate of magnetic powder with BY333 for water suspension. Contains anticorrosive, wetting and antifoam agent. Meets the technical requirements in SAE AMS 3043 Concentration: 1,0 – 2,4 %	250 ml conc for 10 L water susp	10-3202	

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Product	Pack size	Item code	
Bycotest BY333 + PM75 (carrier fluid) Solution with BY333 in petroleum suspension Concentration: 1,0 – 2,4 % (according to AMS 3041)	5 L ready to use	10-3195	
FIXABLE MAGNETIC PARTICLES			
Bycotest 7000 Dual purpose dry magnetic particles Fixable with water Suitable for the inspection of objects to be post-treated (e. g. grinded). Environmentally adapted and most economic alternative to solvent fixable magnetic particles.	Upon customer's request	10-3050	
WHITE CONTRAST PAINT			
Bycotest 104 White contrast paint for Magnetic Particle Inspection Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN ISO 9934-2 Quick drying Good adhesion on metals	Aerosol 400 ml	10-3318	
Bycotest 104A White contrast paint for Magnetic Particle Inspection Meets high demands of occupational health Alcohol-based, weak odour Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN ISO 9934-2 Good adhesion on metals	Aerosol 400 ml 5 L	10-3308 10-3305	
WATER BASED CARRIER FLUIDS			
Bycotest SA90 Water conditioner for magnetic powder containing wetting, antifoam and anticorrosive agent. Meets high demands of occupational health. Dosage: 5-15 ml / L suspension	1 L 5 L	10-3417 10-3415	
Bycotest A5 High-efficient antifoam agent for water-based magnetic powder suspensions. Dosage: 1 L / 500 Lts suspension	1 Lt	10-3437	

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Product	Pack size	Item code	
PETROLEUM BASED CARRIER FLUID			
Bycotest PM75 Meets the technical requirements in SAE AMS 2641 type 1 (flash point >93° C)) Non-corrosive (non-sulphurous and non-halogenic) according to ASME B&PV Code and EN ISO 9934-2 Meets high demands of occupational health Free from aromatic hydrocarbons	5 Lts 25 Lts 200 Lts	10-3405 10-3403 10-3401	
KITS FOR MAGNETIC PARTICLE INSPECTION			
Black Magnetic Particle Testing Kit containing 3 aerosols: Bycotest 103, black magnetic ink Bycotest 104A, white contrast paint Bycotest C10, cleaner/remover		10-8005	
Fluorescent Magnetic Particle Testing Kit containing 3 aerosols: Bycotest 101, fluorescent magnetic ink Bycotest C10 (x2), cleaner/remover		10-8006	
Black and Fluorescent Magnetic Particle Testing Kit containing 4 aerosols: Bycotest 101, fluorescent magnetic ink Bycotest 103, black magnetic ink Bycotest 104A, white contrast paint Bycotest C10, cleaner/remover		10-8007	
REFERENCE TEST BLOCKS FOR MAGNETIC PARTICLE INSPECTION			
Reference Block MT, EN ISO 9934 Type 1 (MTU Nr 3) Test piece with natural defects of varying sizes to control the indication ability of magnetic powder suspensions, both coloured and fluorescent. Pre-magnetized disc, no further magnetizing is needed when handling normally.		14-0003	
Reference Block MT, EN ISO 9934-2, Type 2 For verification of the sensibility of magnetic powders		14-0014	
Test Piece No 4, Berthold's cross to check magnetic field direction		14-0004	
Flux strip silver type 2 to check magnetic field strength		14-0011	

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Product	Pack size	Item code	
MAGNETIZING EQUIPMENT			
Yoke Magnet (electromagnet) ES-X, 220 V Portable yoke magnet with flexible legs		14-0023	
Yoke Magnet ES-6, 42 V Portable yoke magnet with flexible legs, incl transformer		14-0022	
Permanent Magnet BY-P2 Powerful permanent magnet, easy to use. Lifting power min. 50 kg. Pole distance 100 mm. Weight 2,6 kg. Suitable also for corner testing.		14-0020	
MT-kit with ES-X Complete kit for magnetic particle inspection with yoke magnet ES-X 220 V, black magnetic ink Bycotest 103, contrast paint Bycotest 104A and cleaner/remover Bycotest C10 (2 aerosols each) supplied in impact resistant aluminium carrying case.		14-0024	
MT-kit with permanent magnet BY-P2 Complete kit for magnetic particle inspection with permanent magnet BY—P2, black magnetic ink Bycotest 103, contrast paint Bycotest 104A and cleaner/remover Bycotest C10 supplied in plastic carrying case.		14-0021	
CLEANERS / REMOVERS			
Bycotest C5 Petroleum based, non-aromatic cleaner and penetrant remover Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN-ISO 3452-2 Suitable for universal industrial cleaning Slowly evaporating	Aerosol 400 ml	10-7008	
	5 L	10-7005	
Bycotest C10 Alcohol based, non-aromatic cleaner and penetrant remover Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN-ISO 3452-2 Suitable for universal industrial cleaning Quickly evaporating Paint remover for contrast paint Bycotest 104A	Aerosol 400 ml	10-7018	
	5 L	10-7015	
Bycotest C15 Special cleaner and paint remover (white contrast paint Bycotest 104/104A) Non-corrosive, non-sulphurous and non-halogenic according to ASME B&PV Code and EN-ISO 3452-2 Quickly evaporating Non-aromatic	Aerosol 400 ml	10-7028	

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Product	Pack size	Item code	
Bycotest HTC25 Special cleaner for high temperatures. Flash point > 120° C	1 L	10-7037	
BLACK LIGHTS (UV-LAMPS)			
<p>Bycotest is distributor of the Swedish manufacturer Labino AB. The named company has a wide range of black (UV) lights in several models.</p> <p>The UV lamps have the following distinctions: Spotlight – has a very focused highly intense beam (3,5°) and will excite a fluorescent media from several hundred meters Midlight – lower irradiance (UV-intensity) than Spotlight, soft and homogenous lighting picture optimised for NDT, leak detection and other industrial applications</p> <p>For more information please contact us or visit Labino's home page www.labino.com.</p>			
H135 Midlight H135 Spotlight top-carry handle		14-0074 14-0069	
PS135 Midlight PS135 Spotlight with pistol grip, separate electronic		14-0072 14-0073	
PH135 Midlight PH135 Spotlight pistol grip		14-0075 14-0066	
TrAc Pack Midlight TrAc Pack Spotlight portable, rechargeable		14-0078 14-0064	
TrAc Pack Pro Midlight TrAc Pack Pro Spotlight both battery and continuous supply		14-0079 14-0071	
Torch light Spotlight		14-0170	
SPARE PARTS & ACCESSORIES TO BLACK LIGHTS			
Spare bulb DUV-35W Spare bulb to all Labino UV lamps		14-5020	
Reflector UV Spotlight Reflector UV Midlight		14-5025 14-5026	
UV filter (black front glass)		14-5021	
Labino UV-A meter		14-0032	
Labino Visible Light Meter		14-0031	
UV-blocking eyewear		14-0120	

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Product	Pack size	Item code	
MISCELLANEOUS			
ASTM Centrifuge tube To check the (black) magnetic powder concentration in suspension. To check the (fluorescent) magnetic powder concentration in suspension. Volume: 100 ml		14-0070 14-0093	
Stand for centrifuge tube		14-0094	
Magnetic field indicator to check the magnetic field after demagnetizing Type 2, calibrated		14-0041	
Wash bottle Gloria 89 Oil resistant wash bottle for magnetic powder suspension with built-in hand pump. Volume: 1 L		14-0080	
Magnetic powder blower		14-0130	