

Accessories for Penetrant Testing

Ni-Cr Test Panels – a range of process control panels having finely controlled crack depths to offer greater discrimination when comparing penetrant sensitivity. Matched pairs of panels are used to study the effects of process change.

Available in pairs, in the following crack sizes:

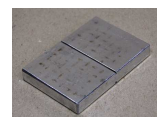
Part number 506251	10 microns
Part number 506252	20 microns
Part number 184400	Panel set – 10, 20, 30, 50 micron



Aluminium Test Block

Part number 070C001

Cracked aluminium block compares SENSITIVITY of different penetrants or SENSITIVITY of new against old (working) penetrants. Complies with MIL-1-25135.



Stainless Steel Test Block

Part number 154400

Monitors WASHABILITY of water washable or post emulsifiable penetrants. May be used repeatedly if thoroughly cleaned after each use.



TAM Crack Comparators

Part number 514048

General purpose crack comparator (in increments from 0.005 – 0.125")

Part number 514049

General purpose crack comparator (in increments from 0.2 – 3.0 mm)

Part number 514050

TAM crack comparator (Pratt & Whitney reference TAM 135273), (in increments from 0.10 – 0.180", 0.2 – 4.6 mm)



Refractometer

Part number 008M009

A hand-held optical instrument used for measuring the concentration of hydrophilic removers in water.

In operation, a small sample of the solution is applied to the prism face. Readings are then taken by looking into the instrument at the built-in scale.



UV Absorbing Spectacles

Part number 017G001

Specifically designed to eliminate long wave UV(A) and protect the eyes during excessive periods under ultraviolet lighting, these spectacles also reduce fatigue and provide an optimum contrast in viewing.



Processing Basket

Part number 034B001

A stainless steel processing basket used to take components through the penetrant process. They can be sub-divided to prevent part to part contact. Size – 300 mm in diameter.



Filter Paper – used in the process to determine fluorescent brightness in the penetrant system. Available in Grade 4 with sizes 4.25, 12.5 and 24 cm diameter. Packed in boxes of 100.

Part number 015F023 4.25 cm
Part number 015F024 12.5 cm
Part number 015F025 24.0 cm



Water Only Gun

Part number 004G015

A gun with trigger action, used for water washing parts in the penetrant process. Comes with two interchangeable nozzles to provide a fine or a coarse spray pattern.



Air/Water Gun

Part number 004G003

A combined air and water spray gun for washing of parts in a penetrant process. The water flow is controlled using a trigger action to provide the spray.



Polyspray

Part number 004G004

An inexpensive spray unit for the application of penetrant. Can also be used with non-aqueous developer, provided that the agitator ball is added.



The Magnaflux PeneCert™ Service

Non Destructive Testing (NDT) specifications require the regular testing of in-use penetrant materials to ensure that they are maintained in their optimum condition. Magnaflux PeneCert™ offers a speedy and convenient testing service for all in-use materials. The benefits include:

- Tailored test frequency to each customer's requirements.
- Testing which satisfies ASTM, MIL and other industry standards.

For further information visit the European variant of the Magnaflux website at www.eu.magnaflux.com, or contact our sales team.