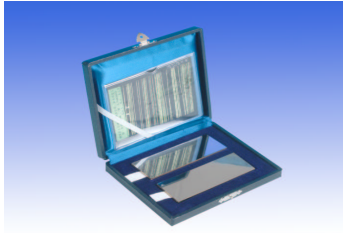


# PENETRANT TESTING

## ACCESSORIES



### Ni-Cr TEST PANELS

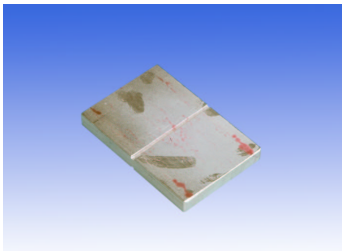
A range of process control panels having finely controlled crack depths to offer greater discrimination when comparing penetrant sensitivity. Matched pairs of panels are used to study the effects of process change. Available in pairs, in the following crack sizes 10 - 20 - 30 - 50 Microns. Kit one pair of each size.



### TAM PANEL

Pt No 198055

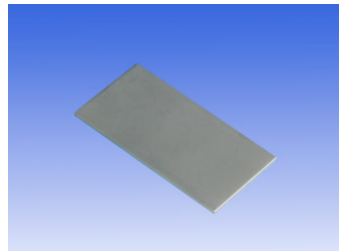
A stainless steel panel to monitor both sensitivity and washability of penetrants. It provides a grit blasted surface for washability tests and a chromed section with 5 star shaped defects ranging in size from course/fine. Meets the requirements of Pratt & Whitney (TAM 146040)



### ALUMINIUM TEST BLOCK

Pt No 070C001

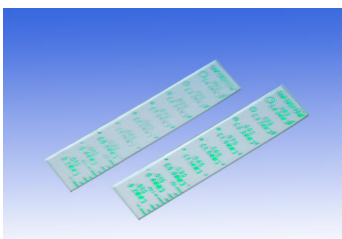
Cracked aluminium block compares SENSITIVITY of different penetrants or SENSITIVITY of new against old (working) penetrants. Complies with MIL-I-25135.



### STAINLESS STEEL TEST BLOCK

Pt No 154400

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



### TAM CRACK COMPARATORS

Pt No 514048

A transparent crack comparator covering the Range 0.2mm – 4.6mm increments which also meets the requirements of Pratt & Whitney (TAM 135273)

Pt No 514050

A general purpose crack comparator having increments from 0.12mm – 3.0mm



### REFRACTOMETER

Pt No 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 instrument at the built-in scale.

**MAGNAFLUX®**

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## **“Penecert” Penetrant Testing Service**

To obtain the maximum benefit from any penetrant inspection system, it is essential to ascertain that the quality of the penetrant materials used in the system have not deteriorated during use. That is why so many penetrant testing specifications require the regular testing of materials for certification.

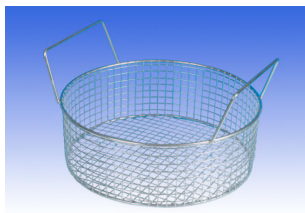
For further information about the Penecert service please contact the Sales Department.



### **CONTRAST CONTROL SPECTACLES**

**Pt No 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**

**Pt No 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 300mm diameter.



### **FILTER PAPER**

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



### **WATER ONLY GUN**

**Pt No 004G015**

A gun with trigger action, used for water washing parts in the penetrant process. Comes with 2 inter-changeable nozzles to provide fine or coarse spray pattern.



### **WATER ONLY GUN**

**Pt No 004G001**

A wash gun used in the penetrant process to turn water supply into a spray.



### **AIR/WATER GUN**

**Pt No 004G003**

A combined air and water spray gun for washing of parts in a penetrant process. Water flow controlled with air introduced by trigger action to provide the spray.

**Pt No 518992**

Similar to above, with water controlled trigger action.



### **POLY SPRAY**

**Pt No 004G004**

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

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## **MAGNAFLUX®**

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