

USE:

The HOFFMANN TAM PANEL helps the user in his penetrant tests for the control of the full functional process.

DESCRIPTION:

The TAM panel is made of stainless steel. Half of the surface is chrome plated. 5 cracks are equally spaced on that part. These cracks have the shape of a star. The other half is grit so it gives a rough surface. This is ideal for the evaluation of the characteristics of penetrant residues. Ra = 2.0 µm.

APPLICATION:

The penetrant recovers the surface of the panel by immersion, spraying, or brushing. After the duration time prescribed, the excess is removed by rinsing, water spraying, with a solvent, by quick immersion or any other method. Then, let the surface dry. Finally, the developer is applied. Usually, the evaluation is done 5 to 10 minutes later. The conclusion is done according to the number of visible stars on the chrome plated surface. The rough part can be used to check the removal of the excess penetrant by evaluating the quantity left.

CLEANING:

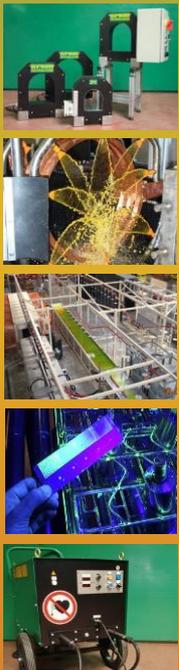
For a clear indication all dirt or excess penetrant from previous controls must be removed. The panel must be carefully cleaned so all penetrant or developer residue is removed.

STORAGE:

After cleaning and drying, the panel must be immersed in a cleaning solvent like acetone or isopropyl alcohol.

ANNUAL CHECKING:

The stars' size and appearance can change because of dirt, corrosion, or mechanical stress. For casual use an annual checking or if your company imposes a date, it is enough.



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SREM Technologies
ZI Ouest,
14 rue des Frères Chappe
72200, La Flèche
Tel : 02.43.48.15.10
Mail : info@srem.fr
Web : www.srem.fr

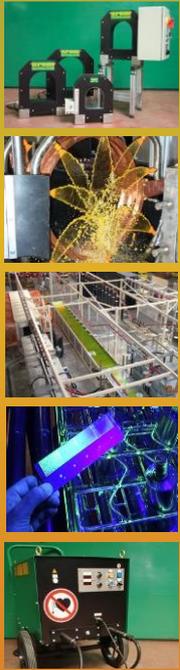
2016.07.18	Hoffmann TAM Panel P/N: PT-Guard P&W TAM 146040-1 Approved	Hoffmann TAM Panel P/N: PT-Guard P&W TAM 146040-2 Approved																													
<p>Spec Sheet</p> <p>www.pt-panel.com</p>	<p>76 µm hard coating Ra = 0.15 µm</p> <p>Roughness area Ra = 2.0 µm</p>	<p>76 µm hard coating Ra = 1.0 µm</p> <p>Roughness area Ra = 2.0 µm</p>																													
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Five crack centers forming a star Specification Diameter: Permissible tolerances																															
Crack depth in the hard coat	(.003" ± .00016") 76 µm ± 4 µm	(.003" ± .00016") 76 µm ± 4 µm																													
Hard coating area: Roughness R _a Roughness area: Roughness R _a	R _a = 0.15 µm ± 0.10 µm R _a = 2.00 µm ± 0.30 µm	R _a = 1.0 µm ± 0.30 µm R _a = 2.0 µm ± 0.30 µm																													
Plate dimensions Tolerance: ± 3%	6" x 4" 152.4 mm x 101.6 mm	6" x 4" 152.4 mm x 101.6 mm																													
Plate thickness tolerance: ± 10%	0.1" 2.5 mm	0.1" 2.5 mm																													

The HOFFMANN TAM PANEL exists in 2 versions:

- polished: chrome plated part is polished like a mirror.
- grit: chrome plated part is lightly grit in order to reduce the polished finishing touch.

Supplied with a transparent storage case.

Certificate of the checking of the stars stucked on the case.



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