

ELECTROSTATIC

NON DESTRUCTIVE TESTING



NANOGUN-MV
for LIQUID
Penetrant Application



E-JET2 NDT
for POWDER
Developer Application

MANUAL DYE PENETRANT INSPECTION

- Liquid & Powder solution for manual penetrant testing (PT)
- Low & Regular flow for developer application
- Optimal coverage & high Transfer Efficiency
- 40 years of Sames Proven Solutions with

all French AEROSPACE OEM & SUBCONTRACTORS

Experts in Finishing and Dispensing Solutions



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LIQUID MANUAL GUN FOR PENETRANT APPLICATION

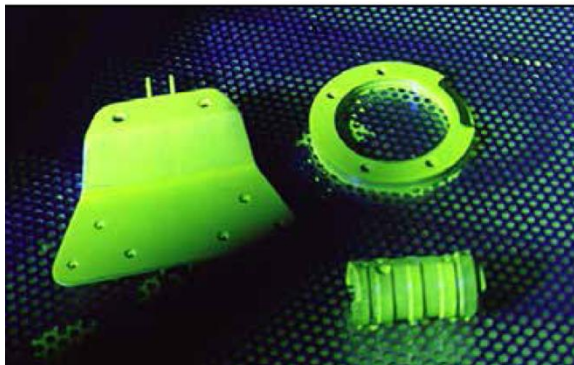
NANOGUN-MV

CUSTOMER BENEFITS

- ➔ Suitable from S1 to S4 penetrants
- ➔ Significant penetrant and air savings
- ➔ Increased operator comfort – reduced fatigue
- ➔ Easy to maintain:
 - ▶ low number of components
 - ▶ ready to spray after assembly
 - ▶ perfect flushing
 - ▶ smart diagnostics through control module
- ➔ Environmentally friendly, less penetrant wastes



” **Wraparound effect** allowed by **electrostatics**; material is applied on **all faces** whatever the shape of the part!



GNM 6080 CONTROL MODULE

EASY TO MAINTAIN:

- Scheduled alert
- Diagnostic alert

EASY TO USE:

- kV setup value
- 3 presets
- Readable up to 5m

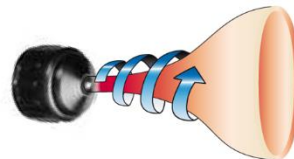
INTUITIVE CONTROLS

- Pattern width
- High voltage On/Off
- Paint flow rate

ENHANCED ERGONOMICS

- Lightweight
- Perfectly balanced
- Grip & barrel design
- Flexible hoses

■ Super Vortex technology for finest atomization



POWDER MANUAL GUN FOR DEVELOPER APPLICATION E-JET2 NONDESTRUCTIVE TESTING VERSION

CUSTOMER BENEFITS



- ➔ High transfer efficiency gun with stable pattern
- ➔ Very small and regular flow
- ➔ Best on the market solution for detection of defects

ENHANCED ERGONOMICS

- Easy to read display and controls
- Convenient double housing to place accessories on top
- Emptying easily made at the bottom

INCREASED EFFICIENCY

CSV230 PRESSURE TANK:

- Very small regular flows
- No puffing
- Additional control for increased flow rate



CRN457 CONTROL MODULE:

- Management of powder flowrate & HV tables
- Display of actual voltage & current
- Regulation of pumping air for more precise application



- Safe hanging of the gun
- Handy cable and hose support
- 2 large wheels & directional

MACH-JET GUN:

- Integrated controls on the gun for optimal electrostatic charge
- Developer flow control on gun

