



STATIONARY FACILITIES FOR PENETRANT TESTING

Stationary devices for fluorescent penetrant testing comply with the specifications of main global standards: MIL-I25135E, MIL STD 6866, AMS 2644, EN ISO 3452. All components meet the European requirements for health, safety and ergonomics.



The inspection systems are basically made of stainless steel and equipped with high performance tools for functional control. The devices are designed and manufactured according to customer requirements specifications with regard to specific inspection tasks and test objects.



ELECTROSTATIC DEVICES

Electrostatic liquid application is a highly efficient coating method, offering decisive advantages over conventional application techniques for penetrant testing in many industrial branches.

Due to the electrostatic charge the penetrant (developer) particles repel each other to produce an extremely fine atomization. The uniform spray jet generates a very homogenous material application with an even coating, resulting in a particularly high quality finish.

The wrap-around effect results from an electric field between the negatively charged penetrant (developer) particles and the grounded work piece. Both the front and rear end of the work piece can thus be coated simultaneously – with substantial savings of material and time.

