

QNDE 1633-6

Quality NDE's standard, six-station water washable liquid penetrant line is made of stainless steel throughout, insuring years of hassle-free use.

Quality NDE offers liquid penetrant lines just like this 1633-6 in both standard and custom forms to fit your specific requirements.



Includes:

304 stainless throughout.

Station 1: Penetrant dip tank with hinged lid (16"x32"x15")*.

Station 2: Dwell/Drain (32"x32")* with drain into rinse station.

Station 3: Rinse tank with rigid back and right wall. (24"x32"x15")*.

Station 4: Dryer with insulated walls. Meets ASTM C1055 and E1417 standards. Electronic adjustable calibrated temperature control with overload protection. 240 VAC, 15Amp. (17"x27"x30")*. Delivered with calibration certificate.

Station 5: Developer. (16"x32"x15")*.

Station 6: Standalone inspection table with curtains, cantilever roof with fan and white LED overhead light with articulated support for handheld UV lamp. Black polypropylene top. 120VAC, 15Amp. (36"x30"x39") (+24" overhead, top at 84")*.

Control Panel: Illuminated ON/OFF button and adjustable calibrated temperature control for dryer. Illuminated ON/OFF button for dust collector.

Aluminium grilles for stations 2, 3, and 5.

This line is customizable. See more options on the next page.

* All measurements are interior

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The QNDE 1633-6 can be custom designed to your specific needs. Please contact our application specialist to establish the specifications of your liquid penetrant line. Once the specifications and drawings are approved, we will fabricate, test, and certify your QNDE 1633-6 prior to shipping.



Shown top: Rinse station with UV light kit, dryer, developer tank, and inspection table.

Shown right: Developer injector kit, air regulator, pressure gauge, and HEPA dust collector.



Options:

Polypropylene top, 3/8" holes every 2" for stations 2, 3, and 5.

Penetrant tank - black polypropylene protective bottom.

Rinse station - back wall with anti-splash grille.

Rinse station - rigid sliding left wall.

Rinse station - mixing valve with temperature gauge, pressure regulator with pressure gauge.

Rinse station with UV light kits. Includes:

- Articulated support for handheld lamp.
- Portable REL Magnum LED UV lamp delivered with ASTM E3022 and RRES 90061 certificates. 90-264VAC power supply.

Developer tank - dynamic cloud tank with hinged lid and window, foot pedal activated pressure tank with developer injector kit, air regulator and pressure gauge, and HEPA dust collector. 120VAC, 15Amp.

Inspection table - top back wall shelf; bottom shelf and drawer.

Choose between a fully automated or a manual line.

Automated controls: separate settable timers with visible/audible alarms for penetrant, dryer, developer injection, and dust collector stations.