

# COMPACT STOWAWAY 533

Version 26072017

## Compact Penetrant Inspection Station

The Compact Stowaway 533 is a complete dye penetrant solution capable of performing all the necessary steps for efficient inspection while taking up less space than a conventional inspection line. The drying oven and storm cabinet are mounted beneath the wash station freeing up much needed space above, so components can be dried and developed under the wash station while penetrant is being applied to the next component. Ideal for when space is at a premium.



### Key Features

<b>Input</b>	230V @ 50Hz
<b>Construction</b>	Stainless Steel
<b>Working Height</b>	1000mm
<b>DIMN</b>	2000 x 1000 x 2000mm

## Technical Information

Takes up significantly less room than a traditional liquid penetrant inspection line or separate wash station, drying oven and storm cabinet setups. Easy to install and small enough to be re-sited using a pallet truck if necessary.

Based on a core design but can be tailored to customer requirements - Built with increase capacity or without the drying oven and/or storm cabinet for customers with existing units.

Liquid penetrant is typically applied by aerosol or brushing but desktop penetrant dip tanks with meshed component baskets can be supplied.

Wash station is meshed with a sloped drainage tank, so excess penetrant and wash off can drain to a container or liquid filtration unit.

Stainless steel air/water gun with temperature and pressure gauges supplied fully calibrated as standard.

Drying oven features adjustable thermostatic control allowing  $\pm 1^{\circ}\text{C}$  increment variation. Maximum operating temperatures up to  $75^{\circ}\text{C}$  with fire resistant Rockwool type inter-wall thermal insulation. Drying oven supplied with a temperature distribution survey.

Storm Cabinet features interlocking door with time-out release to prevent operators opening the cabinet during a storm sequence and fitted with an internal heating element to keep developing powders dry.

Backout booth and overhead UV LED lights mounted above the wash station are available for fluorescent penetrant processes.

### Johnson and Allen Ltd

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 www.johnsonandallen.co.uk

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## Product Data

<b>General Information</b>	
<b>Voltage</b>	230V
<b>Frequency</b>	50Hz
<b>Current (max.)</b>	10 Amps
<b>Phase</b>	Single
<b>Working Height</b>	1000mm
<b>Construction</b>	Stainless Steel
<b>Dimensions</b>	2000 x 1000 x 2000mm
<b>Drying Oven Information</b>	
<b>Power</b>	1kW
<b>Max. Temp.</b>	75°C
<b>Thermostat Variation</b>	±1°C
<b>Max. Component Dimensions</b>	600 x 300 x 250mm
<b>Max. Component Weight</b>	25kg
<b>Storm Cabinet Information</b>	
<b>Max. Component Dimensions</b>	600 x 300 x 250mm
<b>Max. Component Weight</b>	25kg
<b>Air/Water Gun Metering</b>	
<b>Water Temp. Gauge</b>	±1°C
<b>Pressure Gauge</b>	±1 PSI
<b>Max. Pressure</b>	50 PSI

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