THE RJ-IW MODULES

IBC Pressure tester : RJ-IPT

An IBC pressure tester is used to detect leaks in the IBC wall and drain valve.

How does it work?

The RJ-IPT is fitted with a pneumatic cylinder, which when actuated will form an air tight seal with the neck of the IBC. Once the seal has been formed, the pressure tester releases pressurised air into the IBC to a pre-set pressure, which is held at constant pressure for a preset determined time. The pressure is monitored and any leaks or cracks in the IBC wall will be revealed as the IBC will not be able to maintain the air pressure.

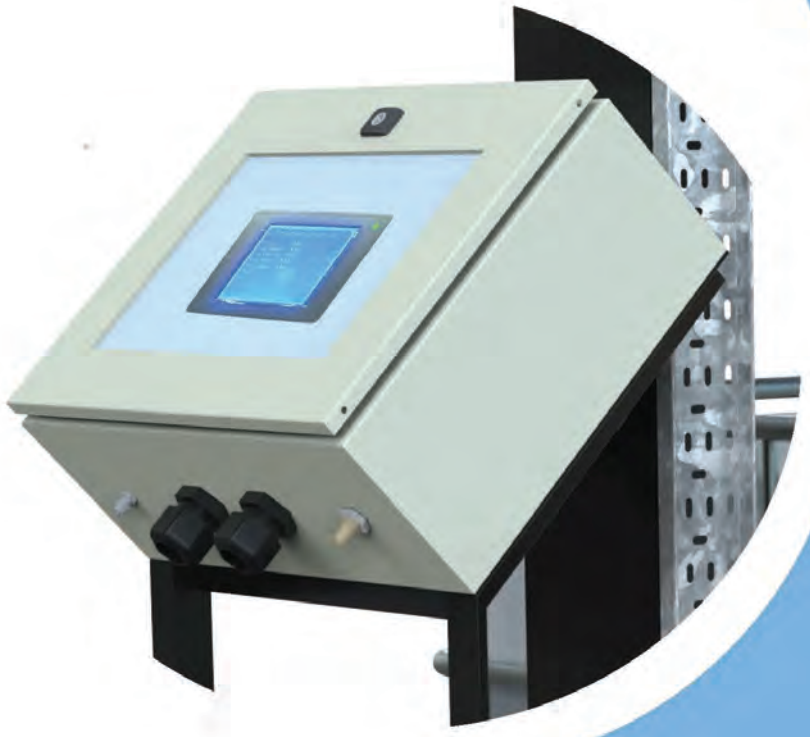
The IBC pressure tester will also identify any weaknesses in the container wall and will prevent unfit containers being re-used.

A traffic light system will provide a quick and simple reference on each container's status after each test.

Intergrated control panel

The system is fitted with a PLC and touch screen HMI, which can be integrated into a central control panel for large container reconditioning companies.

To ensure accurate data logging, all tests are automatically stored with a time stamp on a removable USB stick found in the operating panel. The system is fully data-logged, and provides a real-time clock with time and date stamps.

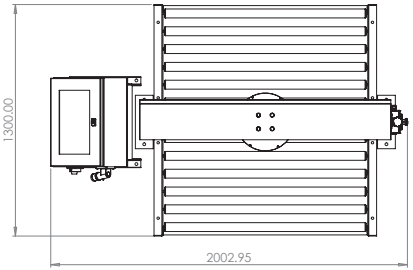


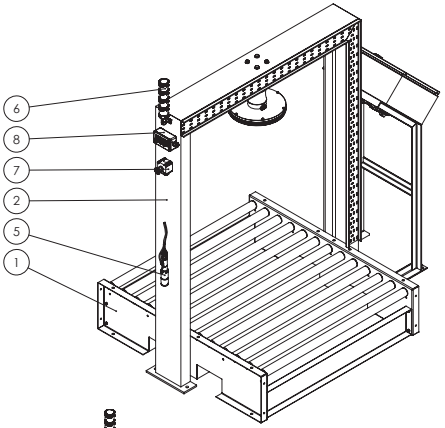
Test sequences can be initiated from either the start button, or by another device such as a photocell, limit switch or external control systems, depending on the device and requirements.

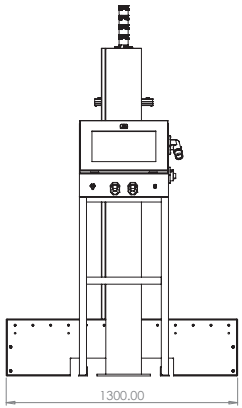
The system will automatically perform a leak test. The result will then be displayed on the operator panel.

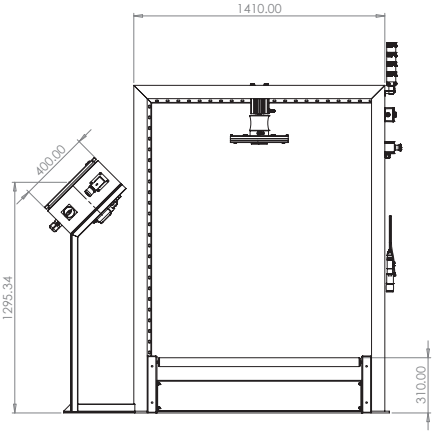
Throughput	30 IBC/ hour
Pressure Test	Adjustable. 15-50mB
Electrical consumption	2 Amps MAX
Electrical Power supply	203 Volt, single phrase
Air Supply	4-10 bar
Air consumption (Litres)	30L/ min
Cycle time	90 seconds
Hole size detected	60 seconds detects 1.0mm

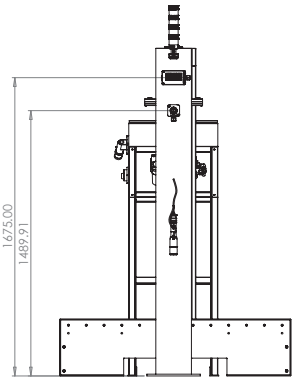
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	200222-07	RJ IRT3 TRANSFER STATION WITHOUT DRIP TRAY	AISI 304L	1
2	200323-01-01	IBC INTEGRATED PRESSURE TEST FRAME	BS EN 10025 S275	1
3	200323-02-01	IBC PRESSURE TEST CABINET STAND	BS EN 10025 S275	1
4	200323-03-01	IBC INTEGRATED PRESSURE TEST CABLE TRACK	Galvanized Steel	1
5	BMC AQS2-1000	VALVE TESTER		1
6	BMC AQS2-1000	BEACON STACK		1
7	BMC AQS2-1000	E-STOP BOX		1
8	BMC AQS2-1000	3 POSITION BUTTON BOX		1
9	BMC AQS2-1000	AQS2-1000 PRESSURE TEST HEAD		1
10	BMC AQS2-1000	AQS2-1000 CABINET		1
11	BS4320E FORM F WASHER	M12 FLAT WASHER	Mild Steel Zinc Plated	4
12	DIN 933 SET SCREW	M12 x 50 SET SCREW	Grade 10.9	4

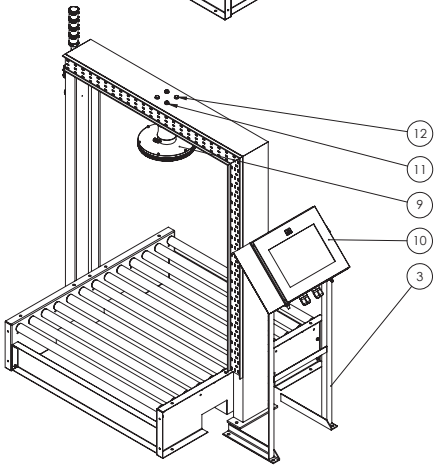












UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REVISION

ROTAJET SYSTEMS LIMITED
Unit 14 , Flanshaw Way , Wakefield
West Yorkshire , WF2 9LP
Tel : 01924 271446

	NAME	SIGNATURE	DATE
DRAWN	J.HUELWOOD		
CHK'D			
APPV'D			
MFG			
Q.A.			

MATERIAL:
Material <not specified>

WEIGHT: 233.55

TITLE:
RJ IPT - INTEGRATED PRESSURE TESTER

DWG NO.
200323

A2

SCALE:1:15

SHEET 1 OF 2

ROTAJET

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