



- ① Rugged aluminium lid
- ② 76 mm (3") replaceable glass view port
- ③ Vacuum tight O-ring sealed tubing glands
- ④ Vacuum regulation valve
- ⑤ Quick release lid clamps
- ⑥ Auxiliary gauge port
- ⑦ Rugged vacuum connection block
- ⑧ Vacuum pump isolation valve
- ⑨ 19 litre (5 US gallon) vacuum reservoir

11 litre (2.9 US gallon) polyethylene bucket or 12 litre (3.1 US gallon) cardboard catchpot



Primary uses

To collect excess resin from composite manufacturing processes, reducing the risk of resin entry to vacuum pumps and central vacuum lines. With a simple modification to the vacuum tubing glands, the vessel may also be used as a resin degassing and feed pot. The RT19 may also be used as a leak-tight distribution manifold for multiple vacuum lines.

Benefits

Rugged construction, catchpot contents visible, simply made high integrity vacuum connections, minimal clean-up required, adjustable vacuum level.

Special features

- Heavy duty aluminum lid with quick release knobs
- 76 mm (3") diameter replaceable glass view-port to allow observation of contents
- External O-ring sealed vacuum line connections to reduce resin buildup at tube exit
- 19 litre (5 US gallon) outer vessel. This provides a useful vacuum reservoir capacity
- A choice of either an 11 litre (2.9 US gallon) polyethylene bucket or a 12 litre (3.1 US gallon) cardboard catchpot. The polyethylene bucket is limited to temperatures up to 115°C (240°F) and is more suited to resin supply duty. The disposable cardboard catchpot will withstand resin exotherms up to 220°C (430°F)
- Side mounted isolation valve – useful for leak testing and to rapidly isolate the trap from the vacuum system
- Side mounted vacuum gauge and vacuum regulation valve. The gauge and regulation valve remain in place when the lid is removed. This reduces the risk of damage and reduces "clutter" on the lid

Dimensions

Length: 340 mm (13.4")

Width: 290mm (11.4")

Height with gauge in place: 620 mm (24.4")

Height with gauge removed: 586 mm (23.1")

Weight (empty)

12kg (26.5 lbs)

Vessel volume

19 litres (5 US gallons)

Resin capacity

11 litre (2.9 US gallon) or 12 litre (3.1 US gallon), depending on internal bucket used

Resin line ports

- 4 lid mounted ports as standard, with additional ports to special order. Optional port sizes to suit:
- 3/8" – 10 mm, 1/2" – 13 mm, 5/8" - 16 mm, or 3/4" - 19 mm OD (outside diameter) polyethylene tubing. On these tubing sizes, high integrity vacuum seals are achieved with external O-rings secured by hand-tightened gland nuts. This is the recommended sealing method.
 - Flexible tubing with the above ID's (inside diameters) via suitable adapting tubes
 - 3/8" BSP or 3/4" BSP/NPT male threads

Pump port

Optionally, 3/4" (19 mm) male Camlock, or O-ring sealed gland for 3/4" OD tube