

The Opal Range

35 Litre Bench Top



- 13 amp single phase power supply
- TACTROL Lt microprocessor control system fitted to all *Opal* Priorclaves
- Easy to read cycle stage indication
- Quickseal single action door closure system
- Automatic Timed Freesteaming
- Thermal and Pressure Locks
- Optional centre shelf
- Optional Mounting Stand or Trolley
- Optional Discard Container
- Optional Loading Basket

Design

Operation up to 126°C – 1.4 Bar. The TACTROL Lt microprocessor control system has staged illumination giving digital readouts of cycle status and the simple to set control panel features adjustable sterilising temperature and time that can be viewed simultaneously.

Ideally suited for use in a wide range of applications including sterilisation of media preparation, other liquids, waste, glassware, unwrapped instruments and apparatus

Safety features

The pressure vessel is Insurance approved. The pressure door features a protective heat cover, thermal cooling lock, pressure lock, special door gate mechanism which cracks the gasket seal allowing any residual pressure to safely escape. The unit also features a low water level sensor, that prevents boil-dry conditions and a safety blow down valve affords further protection.



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E.& O.E. Our policy is one of continuous development and we reserve the right to modify specifications without notice

The Opal Range

35 Litre Bench Top



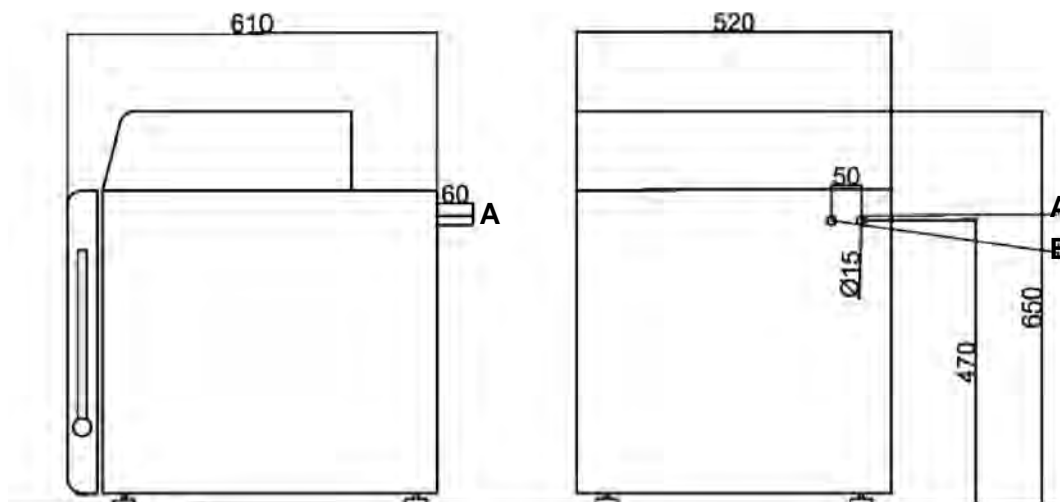
Installation requirements

The unit requires a 230V, 50Hz, single phase supply rated at 13 amps with earth and neutral. The autoclave is fitted with a British 3 pin plug on a 1.5 metres long cable.

The single 15mm vent outlet pipe can be directed to a nearby drain within 2 metres run of the rear of the Priorclave. For make safe processing the discharge should be directed to a sealed discharge system. The system should lead by direct connection to a building drain or catchment tank.

The Safety Valve Blowdown should be directed to the floor so as to give a visible indication of operation for safety reasons.

The *Opal*35 is supplied with manual water fill.



Connection Legend:

Connection A: 15mm Exhaust Vent Outlet Connection B: 15mm Safety Valve Blowdown

Product Specification

Loading Format: Bench Top, Cylindrical Chamber

Chamber Capacity: 35 Litres

Vessel Dimensions: 350mm diameter x 420mm deep

Material: 316L stainless steel

Weight: 90kG

Export Packed Dimensions: w75 x d63 x h80cm

Export Packed Weight: 110kG

Manufacturing Standards: Complies with the general requirements of BS2646 Part 1:1993, BS5500 Cat. 3, CE Marked for compliance to the Pressure Equipment Directive 97/23/EC, EMC Directive and Low Voltage Directive. Manufactured under an ISO9001:2000 Quality Scheme.

The Opal Range

125 Litre Front Loading



- 30 amp single phase power supply
- TACTROL Lt microprocessor control system fitted to all *Opal* Priorclaves
- Easy to read cycle stage indication
- Quickseal single action door closure system
- Automatic Timed Freesteaming
- Thermal and Pressure Locks
- Optional centre shelf
- Optional Mounting Stand or Trolley
- Optional Discard Container
- Optional Loading Basket

Design

Operation up to 126°C – 1.4 Bar. The TACTROL Lt microprocessor control system has staged illumination giving digital readouts of cycle status and the simple to set control panel features adjustable sterilising temperature and time that can be viewed simultaneously.

Ideally suited for use in a wide range of applications including sterilisation of media preparation, other liquids, waste, glassware, unwrapped instruments and apparatus

Safety features

The pressure vessel is Insurance approved. The pressure door features a protective heat cover, thermal cooling lock, pressure lock, special door gate mechanism which cracks the gasket seal allowing any residual pressure to safely escape. The unit also features a low water level sensor, that prevents boil-dry conditions and a safety blow down valve affords further protection.



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The Opal Range

125 Litre Front Loading



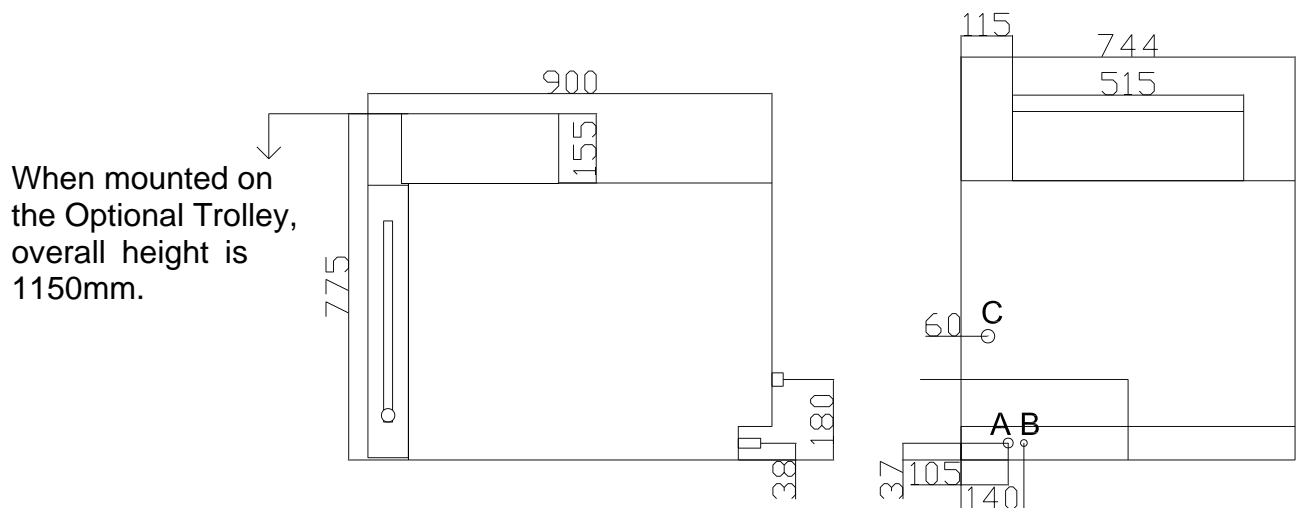
Installation requirements

The unit requires a 230V, 50Hz, 30-amp power supply terminated at a switched, fused isolator mounted within 2 metres run of the rear of the Priorclave.

The single 22mm vent outlet pipe can be directed to a nearby drain within 2 metres run of the rear of the Priorclave. For make safe processing the discharge should be directed to a sealed discharge system. The system should lead by direct connection to a building drain or catchment tank.

The Safety Valve Blowdown should be directed to the floor so as to give a visible indication of operation for safety reasons.

The *Opal* 125 is supplied with manual water fill.



When mounted on the Optional Trolley, overall height is 1150mm.

Connection Legend:

Connection A: 22mm Exhaust Vent Outlet Connection B: 15mm Safety Valve Blowdown
Connection C: Entry Point for the Electrical Supply

Product Specification

Loading Format: Front, Cylindrical Chamber

Chamber Capacity: 125 Litres

Vessel Dimensions: 500mm diameter x 650mm deep

Material: 316L stainless steel

Weight: 190kG **Trolley Weight:** 40kG (Requires some assembly, required tools not included)

Export Packed Dimensions: w1030 x d1070 x h1050mm (including or excluding a Trolley)

Export Packed Weight: 220kG (260kG if a Trolley or Stand is included)

Manufacturing Standards: Complies with the general requirements of BS2646 Part 1:1993, BS5500 Cat. 3, CE Marked for compliance to the Pressure Equipment Directive 97/23/EC, EMC Directive and Low Voltage Directive. Manufactured under an ISO9001:2000 Quality Scheme.