

# SCTR1 Two Inch Hydrocyclone Test Rig



## Mobile unit for the evaluation of Salter Cyclones small diameter hydrocyclones

The SCTR1 Hydrocyclone Test Rig is invaluable for laboratory or on-site evaluation of potential hydrocyclone applications. Easy to use on a manoeuvrable wheeled chassis, the rig includes pump, sump, pipework, pressure gauge and valves.

One and two inch hydrocyclones are available with a range of vortex finders and spigots. For coarser cut points stub cones can be provided for the two inch unit.

Test rig and hydrocyclones may be purchased or rented on a monthly basis. Salter Cyclones engineers will assist with setting up and testing, if required.

### Design Features

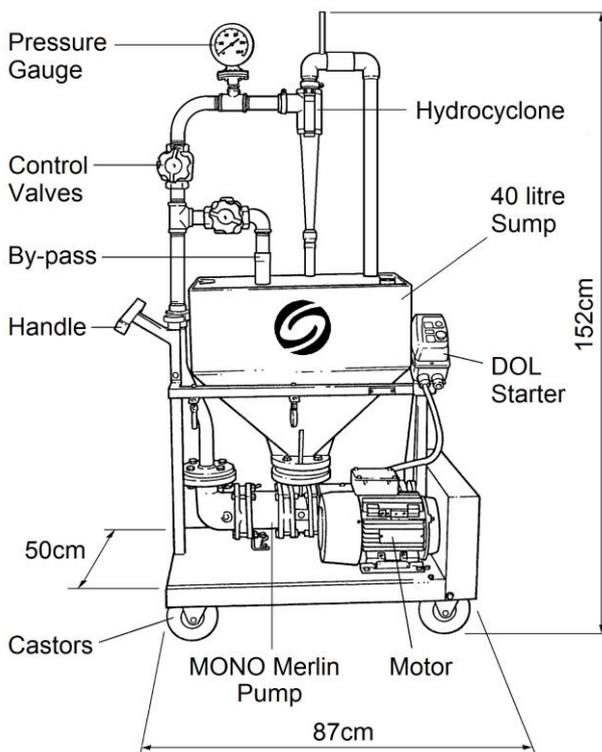
A MONO constant displacement pump delivers the slurry under test from the sump to the hydrocyclone. The pump is driven, via 'V' belts, by an electric motor to the Client's specification.

By-pass, valves and pressure gauge enable accurate control of hydrocyclone operating pressure.

After connecting to a suitable electricity supply the rig can be used to test either a batch sample of the material under investigation or a small continuous 'side stream' from a relevant process plant.

### Specifications

Maximum Cyclone Size	44mm (2")
Maximum Delivery	4 m <sup>3</sup> /h
Sump Capacity	40 Litres
Power Consumption	1.5kW
Dimensions	87 x 50 x 152cm
Weight (approx.)	100kg



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**For more information on our range of hydrocyclones and multi-gravity separators, please contact :**

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