

SALOOJA BROTHERS PRIVATE LTD.

Category: Hydraulics

Cat.No.	Item Name	Detailed Description
353	Filter pump polythene	Filter pump polythene, with inlet and outlet tube and side arm nozzles are riffled.
354	Filter pump, glass	Filter pump, glass with riffled inlet and outlet tube and carefully adjusted water orifice with conical overflow. The pump vacuum nozzle is 7 mm, made from corning glass.
356	Filter pump, 'Parco' brass, N.P.	Filter pump, 'Parco' brass, N.P. with water inlet riffled nozzle and water outlet riffled nozzle and vacuum nozzle for 8 mm bore tube.
357	Filter pump, 'Parco' stainless steel	Filter pump, 'Parco' same as above but made of stainless steel.
361	Lift pump or Water pump (glass)	Lift pump or Water pump : Working model made from corning glass. Individually packed.
362	Lift pump or Water pump (mounted)	Lift pump or Water pump. Same as above but mounted on polished wooden stand with plastic or metal trough.
363	Force pump (glass)	Force pump. Working model made from corning glass, individually packed.
364	Force Pump (mounted)	Force Pump. Same as above but mounted on polished wooden stand with plastic or metal trough.
365	Continuous action pump (Fire engine pump, glass)	Continuous action pump (called as Fire engine pump). Working model made from corning glass. Individually packed.
366	Continuous action pump (Fire engine pump, mounted)	Continuous action pump (called as Fire engine pump). Same as above but mounted on polished wooden stand with plastic or metal trough.
367	Hydraulic press Bramah	Hydraulic press Bramah. Working model, made from corning glass. Individually packed.
375	Water level apparatus	Water level apparatus. 4 glass tubes of differing shapes and cross sectional area, projecting vertically from a common horizontal tube, made from neutral glass, on stand.
376	Water level apparatus (Corning glass)	Water level apparatus. Same as above but made from corning glass.
377	Communicating vessel	Communicating vessel. Glass aspirator 250 mm with tube having 4 branches of unequal cross sections made from corning glass.
385	Pressure syringe, glass	Pressure syringe, glass. To demonstrate that the pressure in a liquid is transmitted equally in all directions. Made from corning glass. Individually packed.

387	<i>Pressure syringe, metal, brass, N.P.</i>	<i>Pressure syringe, metal, brass, N.P. To demonstrate that the pressure in a liquid is transmitted equally in all directions.</i>
390	<i>Bernoulli tube</i>	<i>Bernoulli tube. To show that when a liquid flows to a tube having a constriction the speed of the flow increases and the pressure decreases in the constricted section. A horizontal tube 500 mm long provided with 3 sealed-in side arms, length 25 mm x 150 mm spacing, which are extended to form 500 mm manometers by means of the lengths of glass tube. Made from corning glass.</i>
402	<i>Cartesian diver</i>	<i>Cartesian diver. To demonstrate the transmission of pressure by a liquid, glass 35 mm long approx.</i>
429	<i>Capillary apparatus</i>	<i>Capillary apparatus. Six glass capillary tubes made from corning glass 150 mm long, of various bores supported by frame in shallow metal trough.</i>
430	<i>Surface tension balance Searl's 'Parco'</i>	<i>Surface tension balance Searl's 'Parco'. A cast metal bridge, approximately 275 mm overall length, mounted on a tripod stand adjustable for height & having a levelling screw with knurled head fitted to one foot. The bridge has raised end pieces to which are screwed small metal blocks securing either end of a plated steel torsion wire. 1 block is slotted to facilitate adjustment for the torsion of the wire by means of screw passing through the end piece. At the centre of the wire a small clamp is fitted carrying a light weight metal pointer with an adjustable counterpoise. From a notch near the tip of the pointer is suspended a small weight pan with a hook fitted to its underside, to hang either a wire frame 80 x 25 mm (length x height) or a metal clip carrying a glass microscope slide, 75x25x1.5mm(lengthxheightxthickness). The tip of the pointer moves over a vertical graduated scale complete with set of weights 1 mgm to 1 gm.</i>
432	<i>Surface tension apparatus, Jaeger, 'Parco'</i>	<i>Surface tension apparatus, Jaeger, 'Parco'. Convenient for the determination of relative surface tensions, or after calibrations with a liquid of known surface tension for the determination of an unknown. Complete with tap funnel, having ground glass stopper to fit the 500 ml filter flask with side arm, manometer, 500 ml beaker as water bath, tube 150 x 30 mm with stirrer and three jets of different sizes. All glass parts made from corning glass.</i>
433	<i>Viscosity apparatus</i>	<i>Viscosity apparatus. To determine the co-efficient of viscosity of a liquid by observing flow of the liquid through a tube. The apparatus consists of an aspirator bottle 2 litre capacity, two 'L' shape manometers, 2 unions 'T' shape & selected piece of capillary 300 mms in length. All the three are mounted on wooden board. 1 Hoffman's screw and rubber tubing provided for connections. Without graduated jar and thermometer. All glass parts are made from corning glass except aspirator bottle.</i>
434	<i>Viscometer Ostwald's</i>	<i>Viscometer Ostwald's for comparison of viscosities, glass U-tube with 2 bulbs connected by a capillary tube. Overall height 230 mm approx.</i>