

# Pumps, Carboy/Drum

## Carboy Pumps and Siphons continued Manual Drum Pumps

### Otal Pumps/Siphons, Bürkle

Polypropylene with PVC stopper. Available with either hand- or foot-operated squeeze bulb and release button to interrupt the flow. The down tube is extendible and this enables the pump to be used with various sizes of bottles. Liquid is forced into the collecting vessel by squeezing the bulb and the flow can be instantly interrupted by pressing the release button. Excess liquid can be sucked back by pumping and operating the release button. For use as a siphon additional tubing must be attached to the outlet tube and after pumping the liquid will flow continuously. Mounted on a 3-part stopper to fit openings as indicated. Not suitable for pumping highly flammable liquids.

	Flow rate litres/minute	Stopper size min./max. o.d. mm	Outlet diameter mm
<b>Hand Pumps</b>			
PX125-13	14	30/70	12
PX125-20	20	30/70	15
PX125-23	26	30/70	18
<b>Foot Pumps</b>			
PX127-13	20	30/70	15
PX127-20	26	30/70	18
PX127-23	30	30/70	22

Robust, polypropylene-bodied, manually operated piston drum pumps offering a choice of three seal options enabling use with a wide variety of fluids. In use the pump is positioned in the neck of the container using a tapered bung, a screwthreaded handwheel is tightened to form an airtight, evaporation-proof seal. Hand pumping pressurises the container forcing liquid up through the polypropylene sectional feeder pipe. The pump body has a built-in safety pressure relief valve. A dual action stainless steel sprung tap lever can be operated to dispense a measured volume or deliver continuous flow up to 20 litres/minute, and a snap-on flow restrictor enables small volumes to be dispensed.

### ◆ Colour codes\*

- Blue — With Nitrile valve and piston seals.  
Suitable for food, and oil-based fluids
- Red — With EPDM valve and piston seals.  
Suitable for non-food, aqueous solutions
- Green — With Viton valve and piston seals.  
Suitable for non-food, specialist applications

\*Specific chemical compatibility data – details on request.

### Manual Drum Pumps

As described. Supplied with four section feeder pipe, 1 metre long, three tapered bungs to fit sealed containers with internally or externally threaded neck openings of 49.5mm to 60.0mm diameter and outlet flow restrictor.

- PX130-20 Manual drum pump, code blue
- PX130-30 Manual drum pump, code red
- PX130-40 Manual drum pump, code green

### Accessory Extension Delivery Hose Kits

For liquid transfer, remote dispensing and siphoning. Flexible hose, 2 metres long, dual action tap lever, grip handle and nozzle guard all in materials suitable for handling fluids compatible with the corresponding pump.

- PX132-20 Extension hose, code blue, for PX130-20 only
- PX132-30 Extension hose, code red, for PX130-30 only
- PX132-40 Extension hose, code green, for PX130-40 only



PX127

PX125

**Static Electricity Hazards**

Attention is drawn to the need to use correct procedures to prevent any potential ignition hazards due to the accumulation of static electricity charges during pumping. Correct procedures are described in BS5958 'Control of Undesirable Static Electricity': Part 1 'General Considerations' and Part 2 'Recommendations for Particular Industrial Situations'. In general there is a need to earth-clamp all metal parts of the pumping system, e.g. drum, pump tube and receiving vessel, using an earth conductor having a resistance to earth of not more than 10 Ohm. The use of plastic drums or vessels may increase the potential risks and their use in hazardous areas or with hazardous liquids should be carefully considered in the light of the recommendations of BS5958.



PX130 in use