





## Introducing S.P. Pump: the revolutionary new portable and spill free pump for safe, easy and cost-effective handling of containerised liquids.

Until now the process of dispensing liquids from large containers, or transferring them from one to another, has rarely been simple. Spills lead to wastage, mess, and in many cases are potentially dangerous. The unique S.P. Pump system is simple to operate, and can be used to dispense virtually any liquid.

### How S.P. Pump works

Operation could not be simpler. The pump is positioned in the neck of the container, and the handwheel is tightened to form an airtight and evaporation proof seal. Easy pumping pressurises the container, forcing liquid up through the feeder pipe. The dual action tap lever can now be turned for either a measured or continuous flow of up to 20 litres per minute.

The standard S.P. Pump is supplied with inlet feeder pipes and three interchangeable drum seals to fit container neck openings between 49.5mm and 60.0mm diameter.

S.P. Pumps are also available with a smaller seal to fit 42.5mm to 44.0mm neck openings.

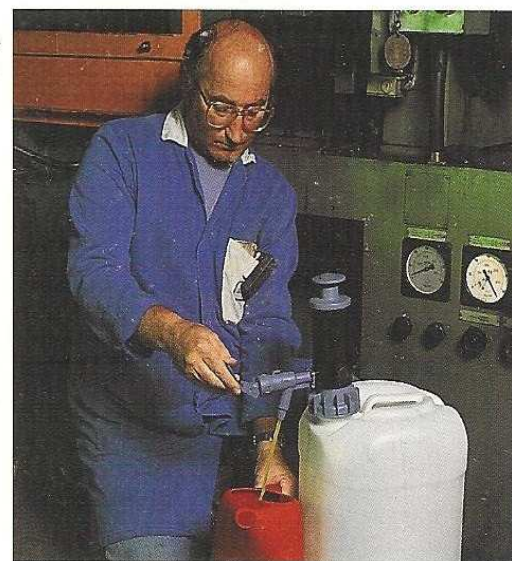
An optional extension tap, with 2 metres of flexible pipe, dual-action tap lever, grip handle and nozzle guard, enables easy and safe drum to drum transfer and siphoning.

### Colour Coding

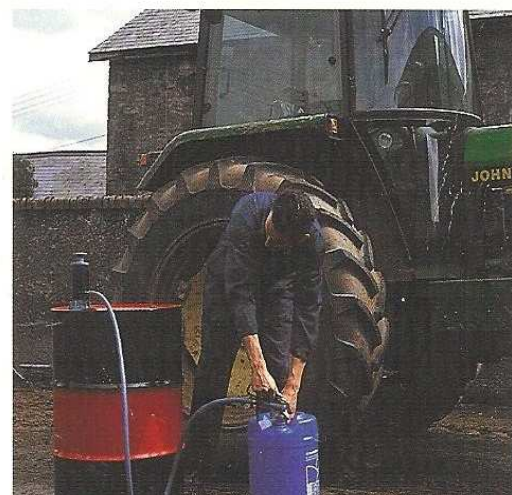
The type of liquid to be pumped determines the type of seals which should be used, and S.P. Pump is colour coded for easy identification.



*With the flow restrictor in place for filling bottles and beakers, and fingertip operation of the tap lever, S.P. Pump is ideal for accurate dosing of small amounts of fluid.*



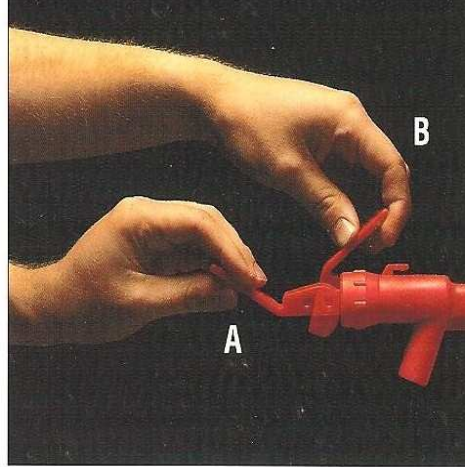
*Shown here pumping cutting oil, S.P. Pump is used in a multitude of industrial applications, saving time and eliminating the costs of wastage.*



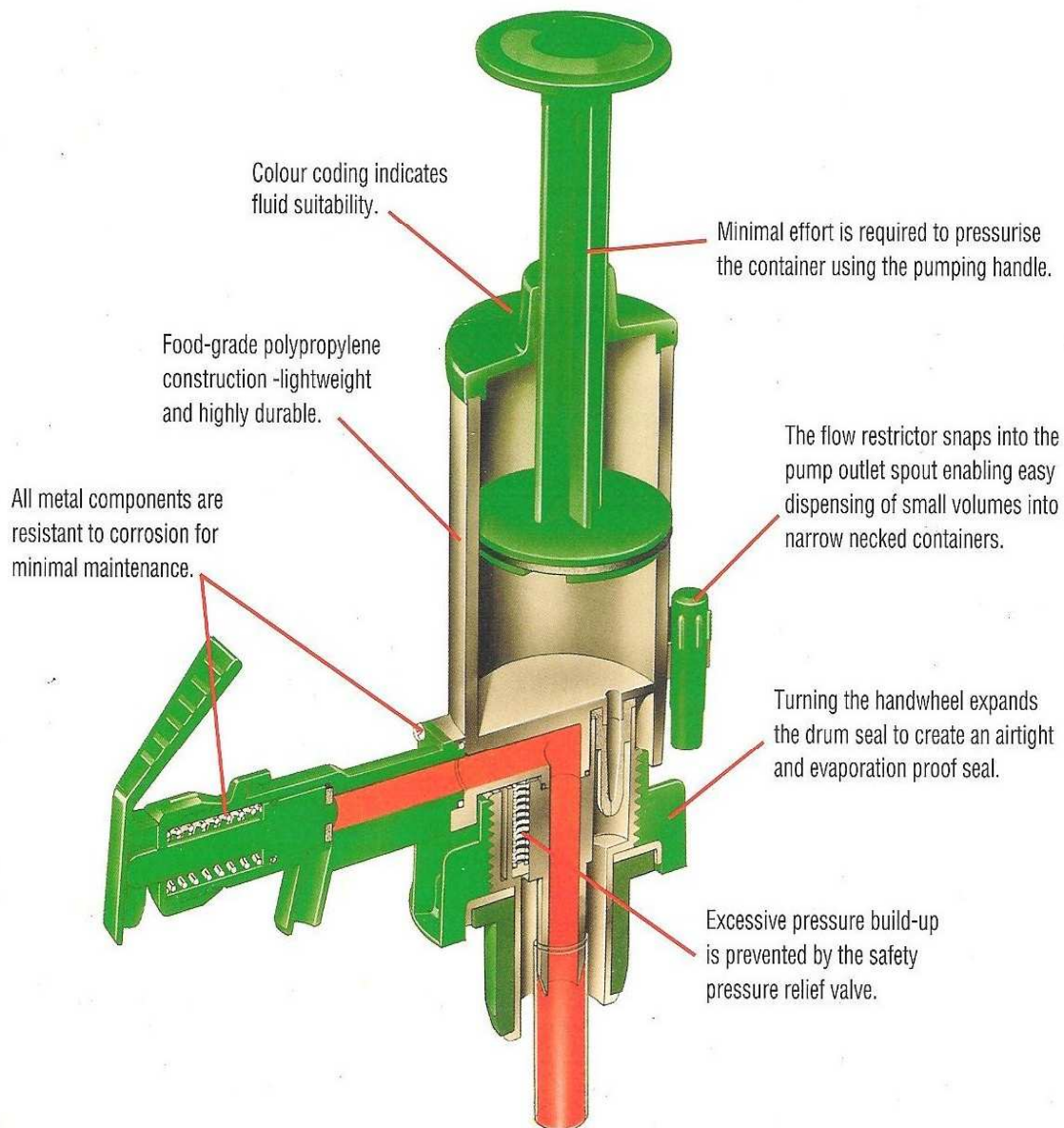




Rubber drum seals and sectional inlet feeder pipes supplied with S.P. Pump will fit most sealed containers with internally or externally threaded neck openings of 49.5mm to 60.0mm diameter. S.P. Pumps with smaller drum seals are also available for openings of 42.5mm to 44.0mm.



The dual action tap lever allows continual flow (a), or a metered flow (b) with no splashes, surges or drips.





**Commercial fluids and chemicals that can be discharged at 20°C using one of the colour coded pumps below.**

### Flow rates

**Water: 20 litres/min**

**Oil SAE 30: 9 litres/min**

## Model N Blue

Acid Arsenic Solution	Fumatic Acid
Acid Boric Solution	Gas oil
Acid Citric Solution	Gallic Acid
Acid Lactic	Gelatin
Acid Oleic	Glucose
Acid Palmitic	Glue
Acid Picric Solution	Glycerine
Acid Propionic	Glycerol
Acid Tannic	Glycol's
Alcohol Methyl	Grain Mash
Alcohol Isopropyl	Heptane
Alkylate Light	Hexy Alcohol
Alum Solution	Hydro Carbons Light
Aluminium Chloride Solution	Hydrosulfite
Aluminium Sulphate Solution	Hydrochlorous Acid 30% CONC
Ammonium Nitrate Solution	Iron Sulphate Solution
Ammonium Sulphate Solution	Iso Butane
Aniline Liquid	Iso Butylene
Antimony Salts	Iso Pentane
Aromatic Fuels 50% CONC	Iso Propyl Alcohol
Arsenic Acid	Kerosene
Automatic Transmissions Fluid	Ketchup
Barium Chloride Solution	Lactic Acid
Barium Hydroxide Solution	Lard
Barium Nitrate Solution	Latex
Barium Sulphide Solution	Lead Nitrate Solution
Beer	Linseed Oil
Beer Wort	Lime Bleach
Beet Sugar Liquors	Lithium Chloride
Bordeaux Mixtures	Magnesium Chloride Solution
Boric Acid	Magnese Chloride
Buttermilk	Magnesium Sulphate
Butyl Alcohol	Malt Beverage
Cabinol	Mayonnaise
Calcium Carbonate Slurry	Nickel Sulphate Saturated
Calcium Chloride 50% CONC	Oil Diesel
Calcium Hydroxide Solution	Oil Fuel
Calcium Nitrate Solution	Oil Mineral
Calcium Phosphate Slurry	Oil Nut
Calishe Liquors	Oil Olive
Cane Sugar Liquors	Oil Palm
Carbonic Acid	Oil Paraffin
Castor Oil	Oil Peanut
Casean	Oil Silicone
China Wood Oils	Oil Soya Bean
Citric Acid Solution 10% CONC	Oil Tall
Clay Slurry	Oil Vegetable
Coconut Oil	Palmitic Acid
Cod Liver Oil	Palm Oil
Coffee Extract	Paraffin Oil
Copper Chloride Solution	Pectin Oil
Copper Cyanide	Pectin Liquor
Copper Sulphate Solution	Pentane
Corn Oil	Polyglycols
Cottonseed Oil Creosote	Potassium Bicarbonate
Creosote	Potassium Cyandide
Cutting Oil	Potassium Silicate
Detergent Water	Potassium Sulphate
Developing Fluid	Propanol
Dextron	Propionic Acid
Diesel Synthetic Lubricants	Rapeseed Oil
Diesel Fuel	Rosins
Diethylene Glycol	Sal Ammoniac
Disobutylene	Silver Nitrate Solution
Dipentene	Sodium Bicarbonate Solution
Embalming Fluid	Sodium Hydrosulfite Solution
Epoxy Resin	Sodium Metaphosphate Solution
Ethane Ethyl Alcohol	Stannic Chloride Solution
Ethylchloride	Sugar Solutions
Ethylene	Tannic Acid
Ethylene Glycol	Trisodium Phosphate Solution
Fatty Acids	Turpentine
Ferric Chloride	Ucon Hydrolubes
Ferric Nitrate	Vegetable Oils
Fish Oil	Water with Soluble Oil
Fluoroboric Acid	Wine
Fluoroboric Acid	Zinc Chloride Solutions
Fluorosilic	

## Model E Red

Acetal Hyde	Hexamine
Acetate Solvents	Hexachloro Acetone
Acetic Acid	Hexone
Acetic Acid Glacial	Hydrazine Anhydrous
Acetylene Tetrabromide	Hydrobromic Acid
Acid Copper Solution	Hydrocyanic Acid
Acid Fluosilicic	Hydrogen Bromide Anhydrous
Acid Formic	Hydroxy Acetic Acid
Acid Hydrobromic	Iodine
Acid Hydrocyanic	Iodoform
Acid Hydrofluosilicic	Iron Pyritic Acid
Acid Hydroxy Acetic	Iso-Butyl Methyl Ketone
Acid Maleic	Iso-Butyraldehyde
Acid Nitric - 10% CONC	Iso Cyanate
Acid Oxalic	Iso Propyl Acetate
Acid Phosphoric	Iso Propyl Alcohol
Acid Sulphuric - 50% CONC	Lacquer (With Ketone Solvent)
Acrolein	Magnesium Acetate Solution
Alcohol Octyl	Maleic Acid
Aldehyde Acetaldehyde	Melamine Resins
Alkyl Arylsulphonic Acid	Mercaptans
Allyl Ketone	Methyl Acetate
Ammonia Anhydrous	Methyl Acetate
Ammonia Aqueous Solution	Methyl Cellosolve
Ammonia Carbonate Solution	Methyl Ethyl Ketone
Ammonia Hydroxide Solution	Methyl Formate
Aniline Liquid	Monochloroacetic Acid
Aniline Hydrochloride	Monoethanolamine
Bichloride of Mercury Solution	Nitrating Salts
Black Sulphate Liquor	Nitro Methane
Bleaching Powder Solution	Nitrous Oxide
Borax Solutions	Phthalic Anhydride
Butylene	Picoline Alpha
Caustic Soda	Polyvinyl Acetates
Celluloses	Propion Aldehyde
Chloratic Acid	Pyridine
Chloroacetaldehyde	Shellac
Copper Ammonium Acetate	Sodium Acetate Solution
Copper Plating Solution	Sodium Hypochlorite Solution
Cresolis Cresylic Acid	Sulphur Dioxide Liquid
Crontonaldehyde	Tricresyl Phosphate
Cyclohexylamine	Triethanolamine
Cuprous Ammonia Acetate	Triethylamine
Cyanic Acid Solution	Tri-Normal-Butyl Phosphate
Cyanic Compounds	
Cyanogen	
Diacetone Alcohol	
Diamylamine	
Dibutyl Phthalate	
Diethanolamine	
Diethyl Aniline	
Diethyl Formaldehyde	
Diethyl Hydrazine	
Diethyl Maleate	
Diethyl Sulphate	
Diethylene Triamine	
DI-Isobutylene Ketone	
Dimethyl Aniline	
Diocetyl Amine	
Diocetyl Phthalate	
Dioxane	
Dimethyl Terephthalate	
Dowanois	
Ethanolamine	
Ethyl Bromide	
Ethyl Mercaptan	
Ethyl Pyridine	
Ethyl Sulphate	
Ethylene Diamine	
Film Dope	
Glacial Acetic Acid	

## Model V Green

Acid Benzoic Solution
Acid Carbolic (Phenol)
Acid Hydrochloric or Muriatic 50% CONC
Acid Napthenic
Acid Nitric - 10% CONC
Acid Oleic
Aldehyde Acetaidehyde
Amyl Chloride
Benzoic Acid
Benzyl Chloride
Butadeine
Chromic Acid - 80% CONC
DDT Solutions (Toluene, Slovent)
Diethyl Benzene
Diethyl Carbonate
Diphenyl Chlorinated
Divinyl Benzene
Dinitrochlorobenzene
Dowtherm A/E
Ethylene Bromide
Ethylene Dibromide
Gallic Acid
Glaubers Salts
Hydrogen Flouride
Hydrogen Peroxide - 80% CONC
Methyl Bromide
Methyl Chclopentane
Methylen Dichloride
Monochloro Benzene
Monowitro Chloro Benzene
Muriatic Acid
Nitric Acid - 10% CONC
Nitrobenzene
Pentachloro Phenol
Perchloroethylene
Propylene Dichloride
Silver Cyanide Solution
Sulphuric Acid - 60% CONC
Tetrachloroethane

Trichloro Benzene

### Typical Pump Applications

- Agriculture
- Health and Safety
- Horticulture
- Leisure Industry
- Manufacturing
- Pharmaceuticals
- Process Industry
- Service Industry
- Swimming Pool Chemicals
- Transport

**BELL, SCOTT & COMPANY LTD.**

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