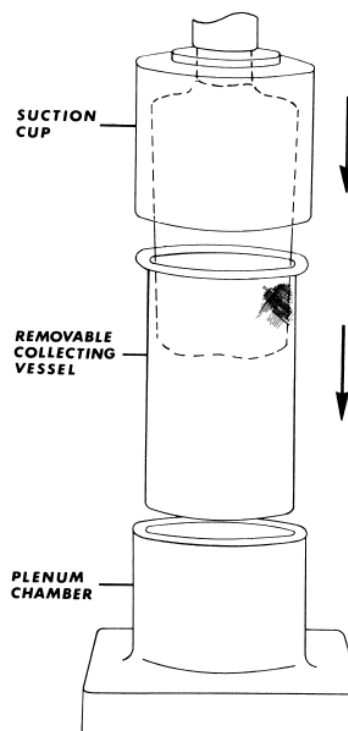


# UNIVAC SUCTION SAMPLER

## SELF POWERED PORTABLE SUCTION SAMPLER



A 6ft clear plastic wire-reinforced sampling hose is retained in position by vacuum created at low engine revolutions. The suction cup is automatically released when the throttle is closed. The collected material can be stored in the electrolytically formed perforated container located within the plenum chamber, or in a variety of paper bag inserts. Commercial paper towels, sealed at the sides, provide inexpensive, easily obtainable disposable collecting bags. They can be held in place by a rubber band around the collecting tube within the suction cup. Various types of collecting funnel can be attached to the sampling tube. The standard Kawasaki engine (internationally available) can be replaced without modification to the recoil start or the ignition system. Reliable electronic ignition, protected silencer and ease of servicing are features of this apparatus.



### Effective sampling in

- Crops
- Grasslands
- Scrublands
- Forests

### Description

Petrol driven portable suction sampler weighing only 11Kg. Designed for effective sampling in crops, grasslands, scrublands, forests and is also suitable for grain sampling. It incorporates the advantages of electronic ignition, protected silencer and 4-stage turbine achieving performance up to 150 inches of water at the sampling point. Backpack mounted.

### Equipment Details

Reference: *Ann. appl. Biol.* 75, 229-233 A. J. ARNOLD, P. H. NEEDHAM and J. H. STEVENSON Rothamsted Experimental Station, Harpenden, Herts.

Burkard Agronomics produce a variety of useful sampling devices for agricultural research. The Univac Sampler has been upgraded in performance, and improvements in construction have increased the static vacuum by 50% using a 4-stage high performance turbine 150 inches of water can be achieved at the sampling point.

Now a kilo lighter in weight and powered by the Kawasaki TH43 2-stroke engine, the sampler enjoys the advantages of electronic ignition with a maximum speed of 7000 rpm. A protected exhaust directs unpleasant fumes to the rear and for additional operator safety the 1.25 litre fuel tank is mounted beneath the engine unit.

### Specification

Sampling Tube	Length 2 metres (79in) - Nozzle dia 6 cm (2.36in)
Collecting Funnel (optional)	14 cm dia (5.5in)
Vacuum	In excess of 150 inches water (without collecting bag)
Max Engine rpm	7000
Engine Type	2 stroke - Kawasaki TH43
Fuel	Petrol/oil mixture 25/1 ratio (DO NOT USE PETROL ONLY)
Fuel Tank Capacity	1.25 ltr
Unit Weight	11 kg (24.2 lb)
Overall Dimensions	45 x 33 x 51 cm (16 x 13 x 20 in)

### Ordering Information

Product Code	Description
BS00283	Univac Suction Sampler

The company reserves the right to make changes to the specification without notice.

