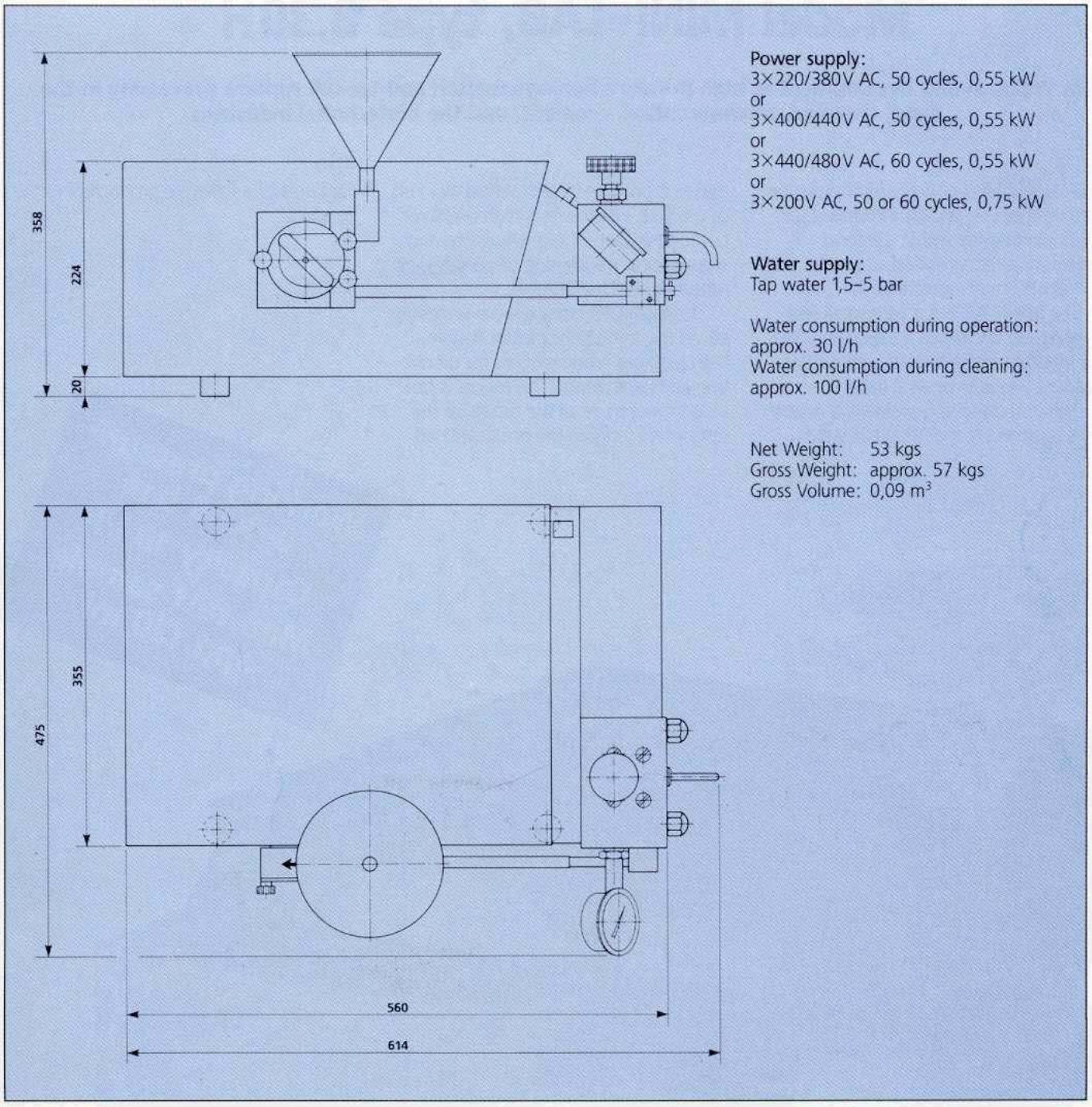
APV Rannie Laboratory Homogenizer, Model Mini-Lab, type 8.30H, ideal for research and development, working Pressure: 0 1000 bars, capacity 10 l/hr, minimum test sample is approximately 120 ml. Unit is like new.

Design

Model MINI-LAB is a 2 piston laboratory high pressure homogeniser, designed for working pressures up to 1000 bar. All product contacting surfaces are of special acid-proof steel. Sanitary design for cleaning in place (C.I.P.) by re-circulation of detergent or water flushing with tap water. Valve housing with ball valves in tungsten carbide, I-stage homogenising system with Rannie BCD homogenising valve in tungsten carbide, and diaphragm pressure gauge 0–1600 bar. The spring-loaded homogenising valve relieves the pressure in the valve housing in case of over-load or incorrect operation. The high pressure cylinders are equipped with closed water lubrication of packings and pistons. Other lubricating liquids or steam condensate for aseptic tests can be used. The product is automatically pumped from the inlet funnel or from a separate product tank to the suction channel of the valve housing by a peristaltic feed-pump incorporated in the drive.

Model MINI-LAB is a handy desk model in unique design, equipped with geared drive, start-stop switch and cover plate. Supplied complete with electric cable, plastic tubes for water and product connections, one set of spare parts and special tools.



Power supply:
3×220/380V AC, 50 cycles, 0,55 kW
or
3×400/440V AC, 50 cycles, 0,55 kW
or
3×440/480V AC, 60 cycles, 0,55 kW
or
3×200V AC, 50 or 60 cycles, 0,75 kW

Water supply:
Tap water 1,5–5 bar

Water consumption during operation:
approx. 30 l/h
Water consumption during cleaning:
approx. 100 l/h

Net Weight: 53 kgs
Gross Weight: approx. 57 kgs
Gross Volume: 0,09 m^3

TECHNICAL SPECIFICATIONS

ORDER/SERIAL No.: 9-88-151

MUST be stated when contacting Rannie.

NOTE: A plate showing this SERIAL NUMBER is placed on the back of the machine.

TECHNICAL DATA

CAPACITY	:	10 l/h
MIN. TEST SAMPLE	:	Approx. 120 ml
HOMOGENISING PRESSURE	:	Max. 1000 bar (14500 psi)
OPERATING VOLTAGE	:	See mark on cable or motor specifications
COOLING WATER CONSUMPTION:		During operation : 30 l/h During cleaning : 100 l/h Water pressure : 1,5-5 bar
MAX. MEASURES	:	Width : 475 mm 19 in Length : 614 mm 24.6 in Heigth : 358 mm 14.3 in Net weigth : 53 kgs