

# Neutraliser



## Application

Neutraliser specially designed for incorporation under a fume cupboard. It can also be used as a stand-alone unit for automatically neutralising acid and alkaline wastewater. Complies with current European regulations. Acid or alkaline discharges are collected in the mixing chamber of the neutralising equipment. When the maximum level is reached, the neutralisation process begins:

- Waste water is mixed intensely.
- The pH value is measured.
- Alkaline or acid solution is injected from integrated tanks until a neutral pH value is reached.
- Neutralised discharges are pumped outside. Complies with the most current European standards in force with an electronic control system.
- The equipment is compact, easy to maintain and extremely robust.

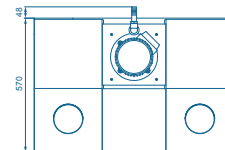
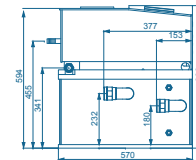
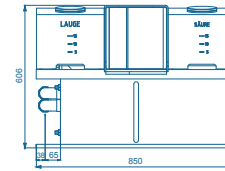
## Models



1. C100

## Drawings

C100



## Technical characteristics

C100 neutralisation unit	
Layout	For installation in fume cupboards, in the lower part of the cupboard or standalone.
Materials used (parts in contact with effluent)	Polypropylene, Polyvinyl Chloride (PVC) Polytetrafluoroethylene (PTFE) and ethylene polypropylene rubber (EPDM).
Neutralisation performance	Maximum 200 l/h (depending on the level of contamination of the wastewater).
<b>Capacity</b>	
Mixing tank (l)	Approx. 90
Acid tank (l)	Approx. 25
Alkali tank (l)	Approx. 25
<b>Dimensions and weights</b>	
Width (mm)	850
Depth (mm)	570
Height (mm)	620/ 640
Empty weight (kg)	55
<b>Connections</b>	
Intake (")	G 1 1/2
Outlet	DN 15
Overflow (")	G1 1/2
<b>Control</b>	
Electrical connection	Three-phase 400/230 Volt, 50 Hz, 3L/NE/PE, 0.55 kW. Connection using quick connect coupling.
pH measurement	High resistance voltage measurement, pH measuring range 0-14, floating, 0.1 pH resolution.
Alarm	Voltage free contact, max. 250 V AC, 2 A max. 50 V DC 2 A.
Operational Unit	Keyboard with 128 x 64 pixels backlit graphic screen and 43 operation keys.
Interface	Optional: analogue interface 0-20 mA, RS-232.
Temperature range	Ambient/average temperature: +5- +35°C.