

FRIDURIT NEUTRALISATION UNIT C100

1. DESCRIPTION

Fully automatic and compact neutralisation unit made of polypropylene. Neutralisation via electronic control and regulation unit.

2. CONSTRUCTION

1 reaction tank, usable capacity approx. 100 liters with:

- 1 inlet, R 1 ½" interior thread, inlet height 180 mm
- 1 overflow, R 1 ½" interior thread, overflow height 250 mm
- 1 outlet DN 15, hose connector, outlet height 440 mm
- 1 ventilation DN 25, G ¾" interior thread, ventilation height 340 mm
- 1 removable cover for inspection of reaction tank
- 2 level switches min/max
- 1 pH single rod measuring cell HF tolerant

Dosage complete consisting of:

- 1 integrated alkali tank, capacity approx. 25 liters, with lock, filler neck with cover, ventilation, transparent front with scale and dispensing valve
- 1 integrated acid tank, like alkali tank
- 1 mixer/pump unit complete with three-phase motor 400V 50 Hz 0.55kW

1 electronic control and regulation unit consisting of:

- 1 pH-measuring and adjustment unit with advanced control functions, graphic display to show the pH-value and for operator guidance, pulse width control of the dosing valves
- Switching elements for controlling the motor and the solenoid valves
- 1 voltage-free contact to lock the unit with a FRIDURIT fume scrubber
- 1 potential-free contact (change-over contact) for collective fault message

Mating connector for electrical connection (accessory pack)

Operating instructions with wiring diagram

3. TECHNICAL DATA

Dimensions:

w = 850 mm, d = 570 mm, h = 620 mm (substructure height: 640 mm)

Weight:

approx. 55 kg empty, 220 kg filled

Rate of neutralisation:

ca. 200 l/h at maximum, depending on the level of contamination of the water

We reserve the right to make technical alterations.

Revision November 2023