

SG-A20 CONDUCTIVITY AND pH ALARM

The SCANGROW SG-A20 Alarm/control unit is primarily intended as a back-up alarm in existing systems where additional protection of the conductivity or pH set point is required.

The SG-A20 can also control and monitor the dosing of fertilizers and acid/alkali for conductivity and pH levels respectively in simple systems, where this is necessary and has facilities integral for this application.

The SG-A20 is a dosing/monitoring alarm unit and is separate to the SCANGROW SF-2 fertilizer mixer. However, it can be added to the SF-2 mixer as an additional alarm system.

When ordering please specify application:
Control/monitoring/alarm for conductivity.
Control/monitoring/alarm for pH.

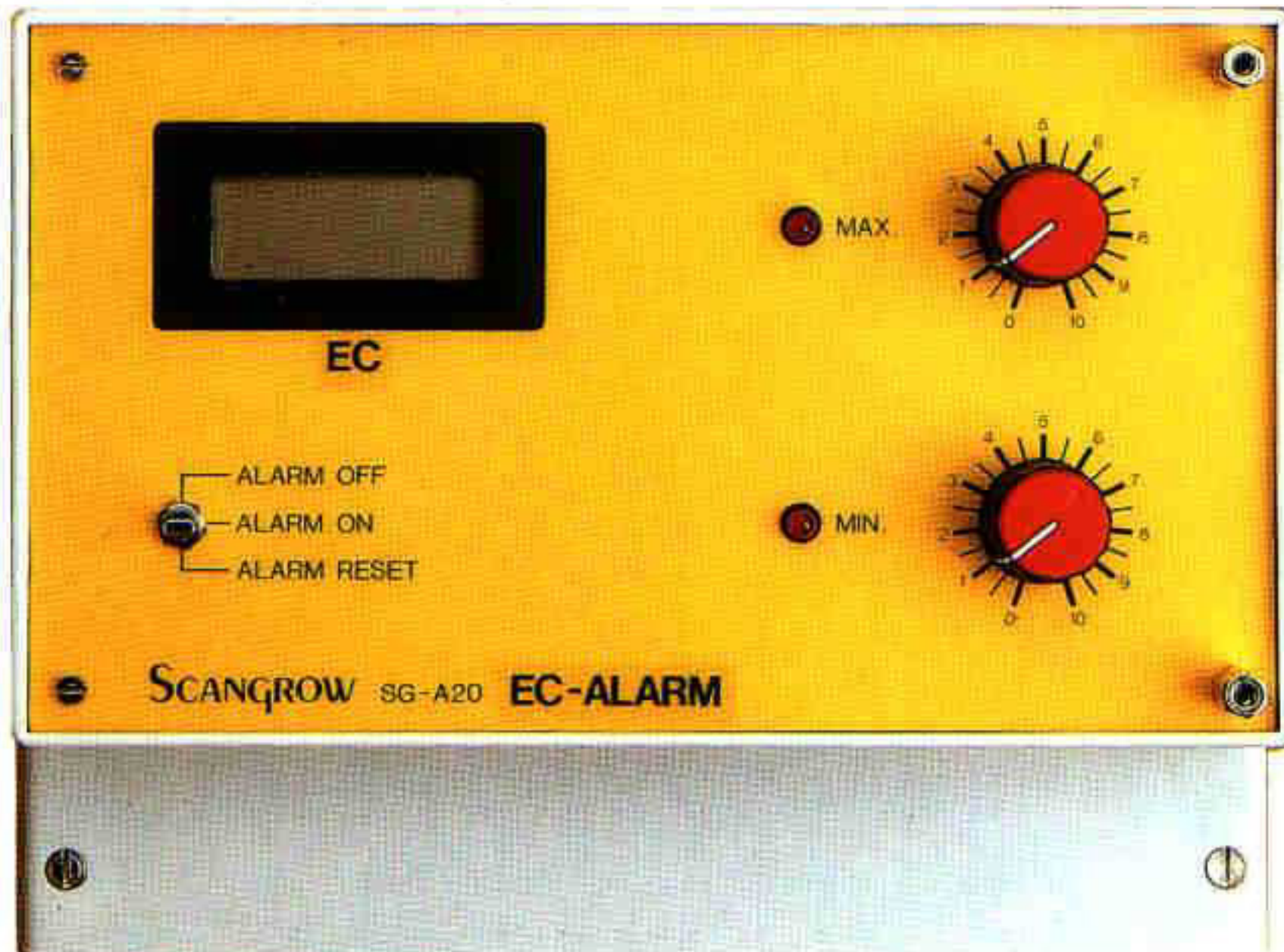


Fig. 1 SG-A20 CONDUCTIVITY.

MEASUREMENT ELECTRODE:

SCANGROW 2-point electrode with thermistor.

1.1/4" BSP with union.

Measurement range: 0.0 – 10.0 mS.

Automatic temperature compensation:
–1.8% /°C at 25°C.



MEASUREMENT ELECTRODE:

Glass combination electrode with 1/2" BSP

Max. 8 bar

Measurement range: 0.0 – 10.0 pH

Connector: BNC

SG-A20 SPECIFICATIONS:

Mains supply: 24v AC 50/60 Hz.

Power: max. 0.5 A, 12 VA

Output: 3-digit LCD. 2 LEDs for indicating alarm

Min. alarm: adjustable 0.0 – 10.0

Max. alarm: adjustable 0.0 – 10.0

Relay output: 2 alarm relays with toggle switch
1 relay with toggle switch MIN.alarm
1 relay with toggle switch MAX.alarm

Input for activating alarm circuitry.

Inputs:
H x W x D:

160 x 210 x 100 mm

Weight: 1 kg

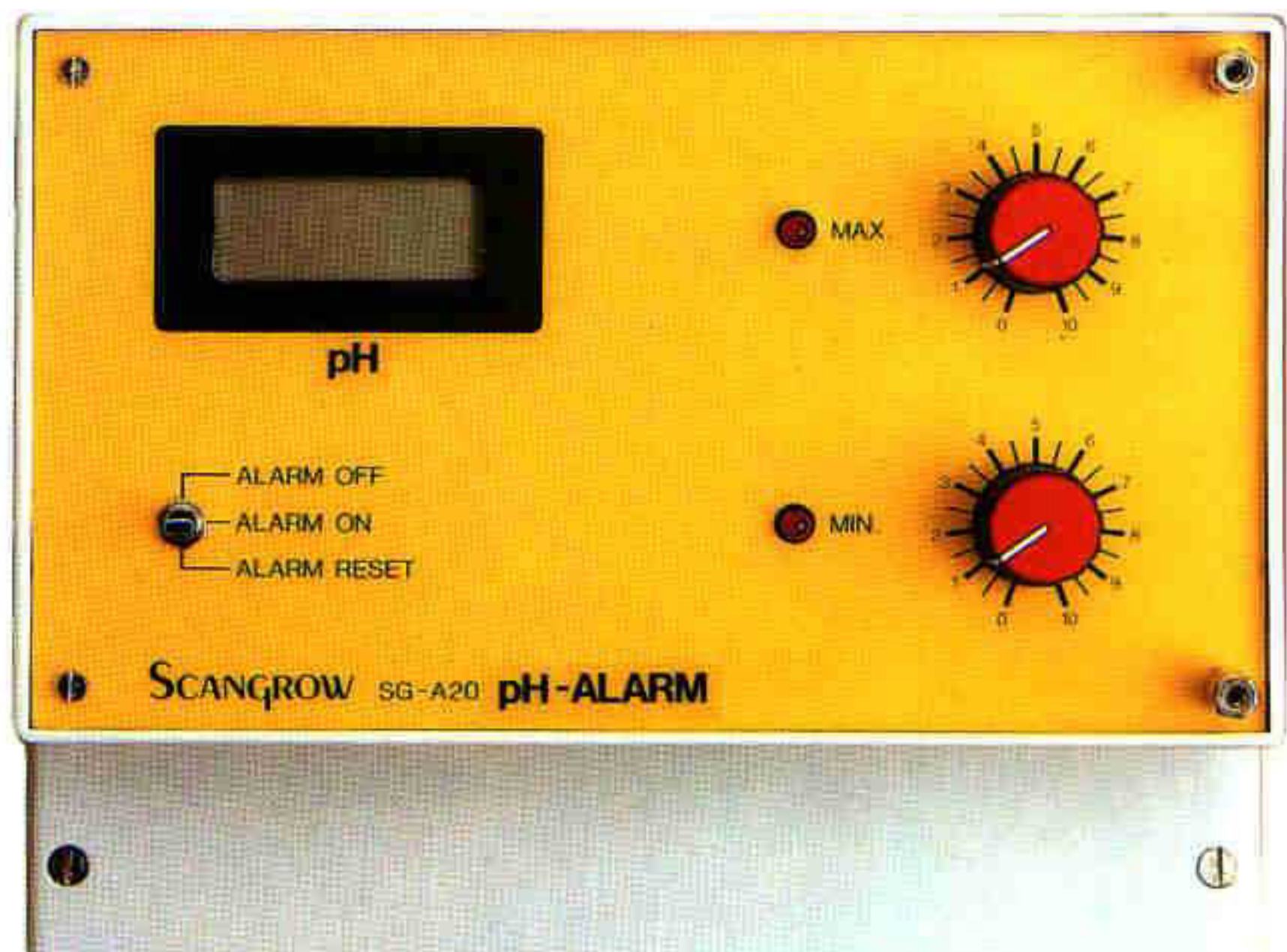


Fig. 2 SG-A20 pH.