

agridose

Automatic pH/EC correction system



LOADED WITH
FUZZY LOGIC



ISOLATION TRANSFORMER
FOR SURGE PROTECTON



16X2 DUAL LIGHT
LCD DISPLAY



NON-TACTILE
KEYPAD



SUITABLE FOR EC BASED
FERTILIZER DOSING

H_2SO_4

PVDF MOC FOR
SULPHURIC ACID



SPECIALLY DESIGNED FOR
AGRI FIELD APPLICATIONS

@dose

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Technical Specifications

pH SENSOR

pH RANGE	: 2 - 11 pH
BODY MATERIAL	: GLASS
MAX. OPERATING PRESSURE	: 5 Kg/cm ²
CABLE LENGTH	: 5 mtrs
MOUNTING THREAD	: 3/4" BSPM

EC SENSOR

RANGE	: 500 - 5000 μ S
BODY MATERIAL	: SS 316 with ABS BODY
MAX. OPERATING PRESSURE	: 5 Kg/cm ²
CABLE LENGTH	: 5 mtrs
MOUNTING THREAD	: 3/4" BSPM

FEATURES

- AUTOMATICALLY COMPENSATES FOR THE CHANGES IN FEED pH/EC.
- WITH FUZZY LOGIC-MOST ACCURATE AND STABLE CONTROLLER.
- LEVEL SWITCH INTERLOCK.
- ALSO AVAILABLE IN PVDF FOR SULFURIC ACID APPLICATIONS.
- BUILT IN ARV WITH SEPARATE DISCHARGE POINT TO PREVENT CHEMICAL SPILLAGE.

DOSING PUMP

ELECTRICAL	: 230 V AC [+/- 20%] 50Hz
SUCTION TUBING	: 4/6 mm
DISCHARGE TUBING	: 4/6 mm
DOSING RATE	: 1.5/3/6/10 LPH at 4Kg/cm ²
WETTED PARTS	: PP/PVDF

SCOPE OF SUPPLY

- METERING PUMP
- 3 METER SUCTION AND DISCHARGE TUBING
- SUCTION FILTER CUM FOOT VALVE
- INJECTION / BACK PRESSURE ASSEMBLY
- pH/EC SENSOR WITH HOLDER
- FREE STANDING SKID DULY POWDER COATED

SCHEMATIC

