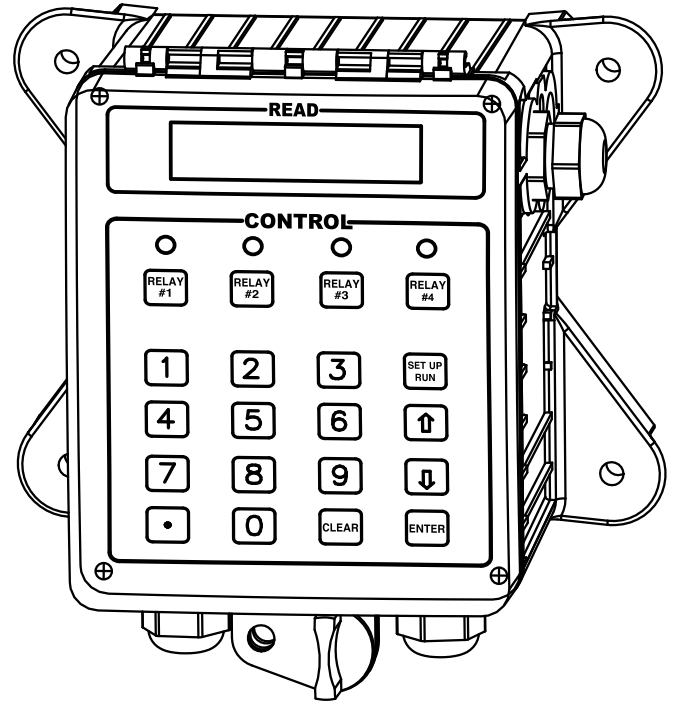


MicroTron Controller

Microprocessor Control of:

- **Conductivity**
- **Inhibitor Feed**
- **Biocide Control**



Key Features

- 12 Bit Input Resolution
- Simple Step Through Menu
- One Point Calibration
- Raised Dome Keypads
- Relay Test Keys with L.E.D.
- Non-Volatile Memory
- No Battery Required
- User Defined Security Code
- 2 Year Warranty
- Expanded Set Up Parameters
- Selectable Sample Method
- Prewired Configuration

Application

The MicroTron series of controllers provides a wide range of options and features for a custom tailored unit to meet your unique systems needs.

MicroTron menu driven controllers can be configured with conductivity control of bleed. Selectable inhibitor feed timers, biocide timers and many more options are available.

The MicroTron series of controllers for recirculating water systems, such as cooling towers or boilers, offers the most flexibility in features and functions for the price.

Models

Model LCFB-2A7D-3P1S



Conductivity parameter only
Conductivity via 15mm solenoid
Bio A, Bio B and Inhibitor each via 3 bar 1ltr/ hr pump

Model LCFB-2EA7D-3P1SF



Conductivity parameter only
Conductivity via 15mm solenoid with flow sensor
Bio A, Bio B and Inhibitor each via 3 bar 1ltr/ hr pump

OPTIONS:

- ADD-C-4** Provides one 4-20 mA non-isolated output
- ADD-10AWS** Add a weather proof socket to controller output (up to four outputs can be used)
- UPG-20MMSOL** Upgrade a 15mm solenoid to a 20mm solenoid

Specifications

Electrical

- **Input:** 95-240 VAC, 50/60 Hz
 - **Control:** Equal to input voltage (95-240 VAC) fused at 2.5A per relay
- Prewired units are supplied with an 8' (248.84 cm) power cord and 8" (20.32 cm) output receptacles.

Operational

- **Display:** LCD 1 x 16 backlit alphanumeric
- **Conductivity Control:** 0-5000 μ S/cm scale
- **pH:** 0-14 scale
- **ORP:** +/- 1000 millivolts scale
- **Accuracy:** +/- 1%
- **Feed Timers (Selectable):**
 - Pulse:** 0-99 min, 59 sec run time, 1-99 counts
 - % of Time:** 0-99 min, 59 sec cycle, 1-99% on time
 - Feed with Bleed:** Limit timer 0-99 min, 59 sec
 - Post Feed Bleed:** Limit timer 0-99 min, 59 sec cycle, 1-99% of bleed cycle
 - Tower Biocide Timer:** 28 day programmable with prebleed and bleed lockout functions

Enclosure

Heavy duty NEMA 4X type high impact thermoplastic with padlockable gasketed Lexan viewing door.

Environment

Ambient temperature: 0° to 125°F (-17 to 52°C)
Relative humidity: 0 to 100%

Electrodes

Standard electrodes are supplied in 3/4" (1.91 cm) SCH 80 PVC female slip tees with quick release nut.

Tower Electrodes:

- **Conductivity:** TE-4A 150 psi (10.3 bar) / 140°F(58°C) Max