

# BRAUDE

## Tankmaster MP

### Used worldwide by:

- Steel strip manufacturers
- Wire & Tube
- Chemical Plants
- Metal Finishers
- Galvanising
- Glass Producers
- Aerospace Industry
- Chemical Millers

Combined Temperature  
& Level Controller



- dual temperature and level control
- fully non-corrodable sensors
- moisture proof box sealed to IP65
- clear temperature display
- set point display
- no external adjustment
- microprocessor controlled
- range of optional controls built in
- range -10°C to 110°C
- easy installation & setup
- 240V or 110V autosensing facility

### Non corrodable process tank controller

Designed for control of solutions and protection of equipment in arduous corrosive environments, typically found in chemical processors, metal finishing, steel industries and marine environments.

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## Tankmaster MP

### Combined Temperature & Level Controller

**Combined temperature and liquid level controller for the control of heaters, coolers and pumps in tanks and systems containing corrosive liquids.**

Engineered for surface mounting close to the process tank and provided with flying leads for easy electrical connection. Full fitting and operating instructions are supplied with the unit.

Supplied complete with Thermaster PT100 and Levelmaster Probes and can also be used with HPD Probes fitted to Polaris Heaters. The standard controller is configured for single temperature set point and high/low liquid level control.

#### Programmable functions

Tankmaster MP can be used on a wide variety of processes and applications. The microprocessor setup allows the selection of the following additional functions.

#### Temperature

- High temperature control and alarm facility
- Low temperature control and alarm facility
- Process temperature operating band go/no go indication
- Variable hysteresis from  $\pm 1^{\circ}\text{C}$  to  $\pm 7.5^{\circ}\text{C}$
- Temperature accurate to  $\pm 1^{\circ}\text{C}$
- Secondary temperature control via second sensor\*
- Drop back facility allows preset temperature to be selected by switch for standby periods\*

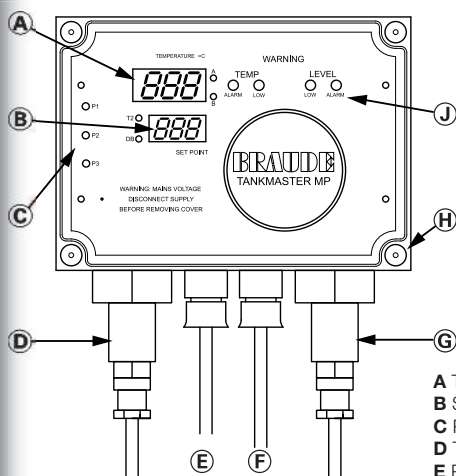
#### Liquid Level

- High high and low low liquid level alarm facility\*

#### Specifications

- Operating Voltage 110V to 250V AC 50Hz
- Volt free relay standard
- 1m flying leads
- Probes 0.5m + 2.0m lead standard (other lengths to order)
- Controller dimensions    Length: 175mm    Width: 125mm    Depth: 75mm

\*These functions should be specified at the time of order



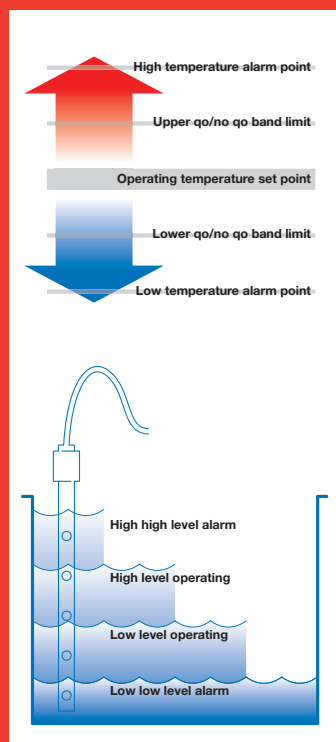
- A Temperature display
- B Set point display
- C Programming buttons
- D Thermaster probe (temperature)
- E Power supply
- F Output lead
- G Levelmaster probe (level)
- H Mounting pillars
- J Control lights

#### Ancillary Items

The Following items are available from Braude...

- **Polaris:** non-corrodable electric immersion heaters
- **HPD Low level cut out:** completely non-corrodable and fitted to the heater
- **Levelmaster:** dual point liquid level controller
- **Thermaster:** temperature controller
- **Earth leakage circuit breakers (RCD)**
- **MCB's and contactors**

Braude also produce other non-corrodable equipment for the chemical, metal finishing, metal processing and steel industries, UK and worldwide.



**Braude can supply other configurations to suit specific tank sizes. Please contact our sales department for advice.**



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