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TYPICAL SPECIFICATION FOR ACCUPRO 1000™ DIGITAL SCALE CONTROLLER (INDICATOR)

Display & Operation: The controller shall be electronic and each channel shall feature a high-contrast, backlit graphic LCD display capable of showing up to six digits for the weight value. The system shall provide the operator with the ability to monitor chemicals by weight or volume in user-defined units of pounds, kilograms, gallons, or liters. Tactile push buttons shall be provided for intuitive system navigation, configuration adjustment, and tare adjustment. The main weight display shall simultaneously display the net weight, current display unit, active tare value, mA output signal, and real-time error status. Both the controller configuration and calibration procedures shall be field-adjustable. Controller shall offer a system info menu for system diagnostics and error information.

Channels: Controller shall monitor one (1) or two (2) channels. Each channel shall be independently controlled and operated. Ability to mix different scale types on one controller shall be standard.

Optional Outputs: Controller shall offer the option of providing an adjustable 4-20 mA analog output signal based on net weight for each channel. This output must be selectable as either scale (self-powered) or loop (loop-powered) via a physical jumper on the control board. The analog signal scaling shall be digitally defined within the system configuration, allowing the operator to set the specific net weight value that corresponds to a 20 mA output. Controller shall include a digital trim feature to fine-tune the accuracy of the 4-20 mA signal for external measurement.

Enclosure: Controller shall be housed in a NEMA 4X, UL approved enclosure and shall carry CE marking. Power requirement shall be 100 to 250 VAC. Controller shall be capable of remote mounting up to 200 ft. from scale base.

Accuracy & Warranty: Accuracy shall be $\pm 0.1\%$ of full scale capacity, or better. Controller shall carry a full five (5) year factory warranty. "Limited" warranties shall not be accepted.

Controller shall be a Model 1000-_____ with _____ channels and _____ 4-20 mA outputs as manufactured by Scaletron Industries Ltd., Plumsteadville, PA.

Part Numbers

MODEL	INTERFACE	CHANNELS
1000-1	Push Button Keypad	One Channel
1000-2	Push Button Keypad	Two Channel

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