SCALETRON™ INDUSTRIES, LTD.

SCALETRON™ SETS THE STANDARD IN CORROSION RESISTANCE™

Model AccuPro 7000-TS™ Digital Scale Controller with Touch Screen

- **One (1) to four (4) channel operation**
- **Touch screen interface**
- **High accuracy of ±0.1 to ±0.25% of capacity**
- **Alphanumeric/graphic color LCD display with easy readability to 0.1 lb. (kg)**
- **Displays net and gross weight and %, bar graphs, mA out, tare, set points, feed rate, daily usage, batch and total amount, time to complete**
- **Readout in pounds, kilograms, gallons or liters**
- **4-20 mA outputs and optional set point relays**

FIVE YEAR FULL WARRANTY 5 ON ALL SCALE PRODUCTS

Advanced Digital Scale Controller with Up to 4 Channels Offers Touch Screen Input

The Model AccuPro 7000-TS Digital Scale Controller is designed for use with Scaletron's complete line of cylinder, ton cylinder, drum, tank, platform, IBC tote and spill containment scale bases. Featuring an easy to read 4.3″ alphanumeric/graphic color LCD touch screen display and a new simplified menu system, the controller provides an excellent accuracy of ±0.1% to ±0.25% of full scale capacity and will display net weight or gross weight in pounds, kilograms, gallons or liters. Controller is available with up to four (4) channels with optional 4-20 mA outputs. The 4-20mA output (scale powered) is scalable to a user defined value, and is adjustable. Options include high and low set point relay contacts and an audible alarm. The 7000 series allows the user to easily adjust any setting on the spot including adjusting the tare value or selecting a unit directly from any weight display.

Standard Features

- Electronic indicator housed in NEMA 4X, UL approved wall mount enclosure to provide protection from acids
- Displays net and gross weight; net and gross percent (%); net and gross weight bar graphs; mA out, tare adjustment and set point values; on-screen and memory-stored historical data log, feed rate, daily usage, current amount used and days till empty
- Batch control process that displays net weight, set batch amount, total amount and time to complete
- Up to eleven (11) single-channel and nine (9) multi-channel weight displays
- Leak detector input
- Compatibility with all Scaletron scales
- Ability to mix different scale types on one controller
- Simplified menu system for ease of operation
- Status check menu for errors, alarms, set points, and load cell(s) check function to ensure stable operation
- Password protection
- Field programmable and calibratable including factory restore setting
- 6 Foot power cord

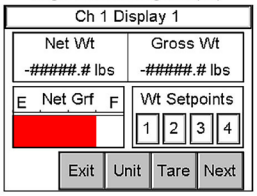
Options

- 4-20 mA analog output for each channel – net weight or feed rate
- High and low level set point relay contacts – 4 per channel, maximum 8 total Alarm active, weight set point active and max net weight relays
- Audible alert/alarm with external buzzer support
- Remote mounting of indicator box up to 200 feet (61 meters) away from scale base
- Remote monitoring capabilities with either Modbus TCP through ethernet or Modbus RTU via RS-232/RS-485 serial network

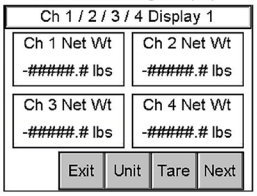
Model AccuPro 7000-TS™ Digital Scale Controller with Touch Screen

Display Screens

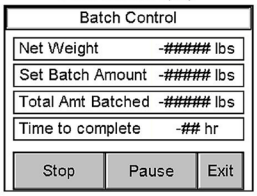
Single-Channel Weight Display



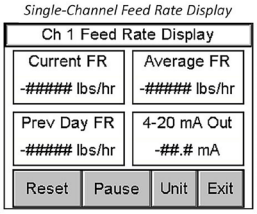
Four-Channel Weight Display



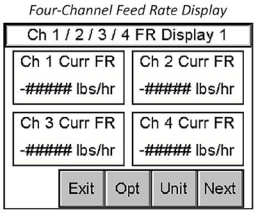
Batch Control Display



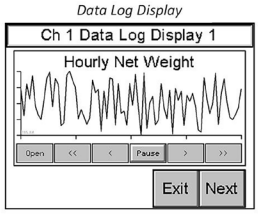
Single-Channel Feed Rate Display



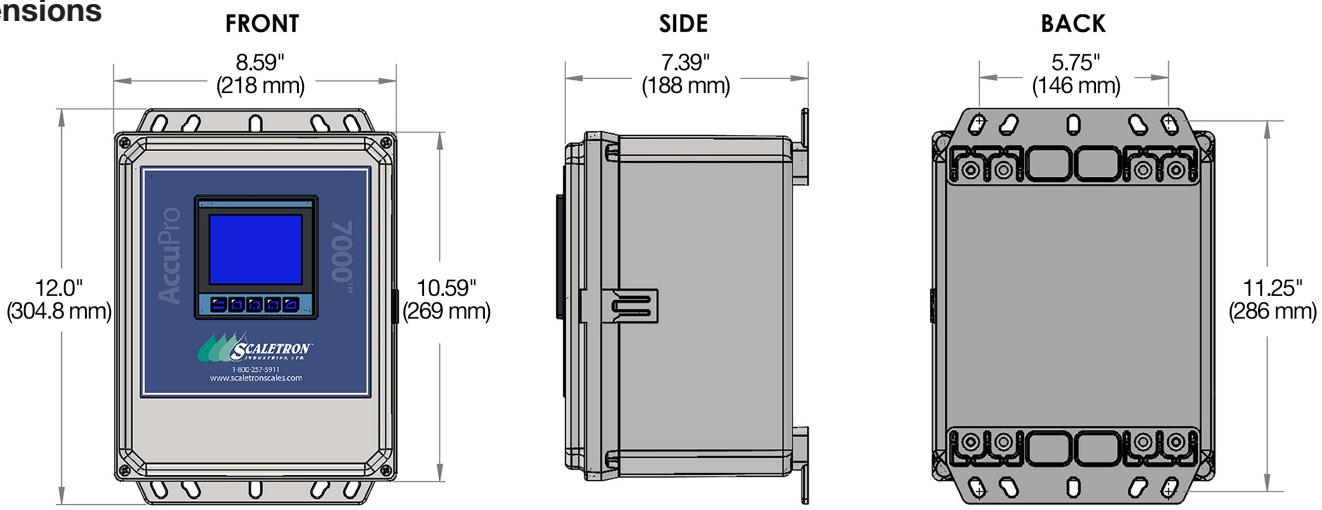
Four-Channel Feed Rate Display



Data Log Display



Dimensions



Specifications

PART NUMBER	ACCUPRO 7000-TS
Interface	Touch screen
Accuracy	±0.1% to ±0.25% of full scale capacity
Display	4.3” Alphanumeric/graphic color LCD touch screen display with adjustable brightness
Display Items	Displays net and gross weight; net and gross percent (%); net and gross weight bar graphs; mA out, tare adjustment and set point values; on-screen and memory-stored historical data log, feed rate, daily usage, current amount used and days till empty; batch net weight, batch and total amount and time to complete
Display Screens	Up to eleven (11) single-channel and nine (9) multi-channel weight displays
Display Units	Pounds, kilograms, gallons or liters
Channels	Up to 4 - One scale base per channel
Output Signal	4-20mA Optional – 1 Output per channel, scale powered

PART NUMBER	ACCUPRO 7000-TS
Set Points	2 or 4 Relay contacts optional per channel (high or low), maximum 8 total - dry contact 3A relay with N.O and N.C connection
Remote Option	Can be remotely mounted up to 200 feet from base frame
Audible Alarm	Optional 78 dB internal piezo buzzer, external buzzer support
Communication Option	Remote monitoring with either Modbus TCP through ethernet or Modbus RTU via RS-232/RS-485 serial network
Power	100/277 VAC, 50/60 Hz, 0.10/0.05A
Enclosure	NEMA 4X, UL approved wall mount enclosure
Weight	7 lbs.

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