

Model 3050™ Ton Cylinder Scale Conversion Kit

- Designed for converting old hydraulic ton bases to a modern electronic system
- Plate size: 6"x5"
- Net capacity: Up to 2,000 lbs. (907 or 1000 kg) per base
- High accuracy of $\pm 0.25\%$ of capacity
- Single or multi-channel controllers with easy readability to 0.1 lb. (kg)
- 1 – 6 Bases may be summed together into one indicator
- Readout in pounds, kilograms, gallons or liters



AccuPro 5000-EK
Controller with
Encoder Knob

AccuPro 5000-PB
Controller with
3 Button Keypad

AccuPro 6000-TS
Controller with
Touch Screen

AccuPro 7000-TS
Controller with
Touch Screen

Easily Convert Old Hydraulic Scales to A Modern Electronic System

The Model 3050 Ton Cylinder Scale Conversion Kit is designed for converting old hydraulic ton bases to a modern digital scale and offers a net capacity of up to 2,000 lbs. per base. Featuring corrosion resistant construction, kit includes load cell and mounting plate. Indicators are available from 1 to 4 channels with 4-20 mA outputs and optional set point relays. MADE IN USA.

Standard Features

- Rugged steel construction protected by a corrosion resistant dry powder epoxy finish
- Scale conversion plate with mounting holes (4)
- NTEP stainless steel shear beam, temperature compensated load cell with built-in mechanical overload stop to protect it from damage during rough cylinder loading
- Electronic indicator housed in NEMA 4X, UL approved enclosure to provide protection from acids
- 20 ft. of 4 conductor wire cable

Available Controllers

- AccuPro 5000-EK/PB™ with one or 2 channels, encoder knob or 3 button keypad, audible alarm and 4-20 mA output – scale or loop powered
- AccuPro 6000™ with one or 2 channels or AccuPro 7000™ with up to 4 channels, touch screen, optional audible alarm and 4-20 mA outputs – scale powered

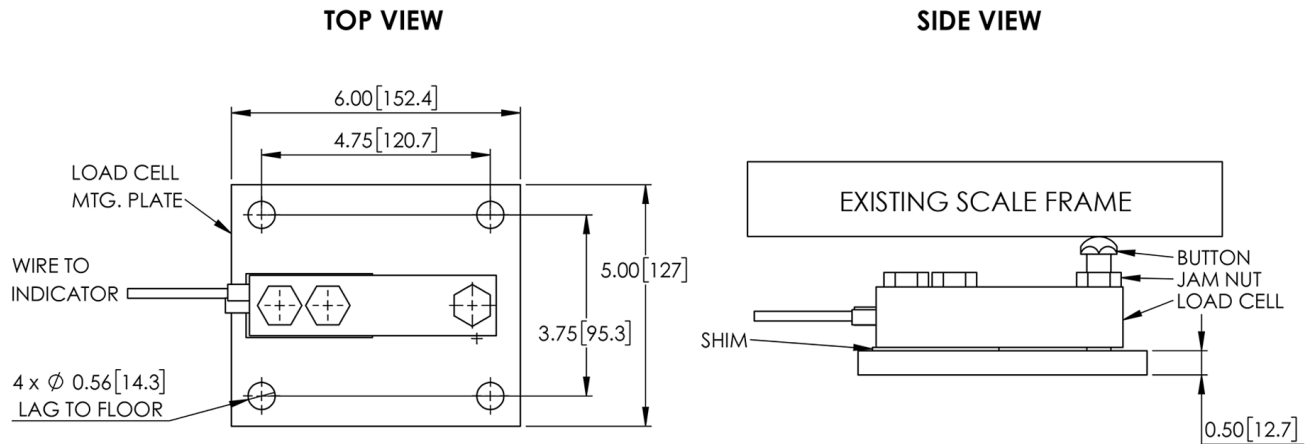
Options

- High and low level set points
- 0-5V or 0-10V output signal
- Remote mounting of indicator box up to 200 feet away

Chemicals

- Scale is designed to accurately measure weight of ammonia, carbon dioxide, hydrogen chloride, liquefied chlorine, sulfur dioxide and other liquid gases

Model 3050™ Ton Cylinder Scale Conversion Kit Specifications



Scale Base

PART NUMBER	3050
Platform Length (A)	6.0" (152 mm)
Platform Width (B)	5.0" (127 mm)
Platform Height (C)	3.0" (76 mm) from floor to top of load cell button – Adjustable
Net Capacity	Up to 2000 lbs. (907 or 1000 kg) (150% overload protection is provided)
Weight	110 lbs.

Digital Controllers

PART NUMBER	ACCUPRO 5000-EK or PB	ACCUPRO 6000-TS	ACCUPRO 7000-TS
Interface	Encoder knob or 3 button keypad	Touch screen	Touch screen
Accuracy	±0.1% to ±0.25% of full scale capacity	±0.1% to ±0.25% of full scale capacity	±0.1% to 0.25% of full scale capacity
Display	2 Line x 16 character alphanumeric backlit LCD with 6 digits for weight	4.3" Graphic color touch screen display with adjustable brightness	4.3" Graphic color LCD touch screen display with adjustable brightness
Display Items	Net weight plus bar graph with net weight, gross weight and tare adjustment	Net and gross weight, % and bar graphs plus mA out, tare adjustment and set point values	Net and gross weight, % and bar graphs; mA out, tare adj., set points; data log, feed rate, daily usage, amount used, days till empty; batch net wt, batch and total amount, time
Channels	1 or 2 - One scale base per channel	1 or 2 - One scale base per channel	Up to 4 - One scale base per channel
Output Signal	4-20mA Standard, 0-5V or 0-10V optional – scale or loop powered	4-20mA Standard - scale powered	4-20mA Optional - scale powered
Set Points	2 or 4 Per channel (high or low)	2 or 4 Per channel (high or low)	2 or 4 Per channel (high or low) - max. 8
Remote Option	Up to 200 feet from base frame	Up to 200 feet from base frame	Up to 200 feet from base frame
Audible Alarm	78 dB Internal piezo buzzer, adjustable volume, external buzzer support	Optional 78 dB internal piezo buzzer, external buzzer support	Optional 78 dB internal piezo buzzer, external buzzer support
Communication Option		Modbus TCP or RTU	Modbus TCP or RTU
Power	90/240 VAC, 50/60Hz, 0.10/00.5A	100/277 VAC, 50/60 Hz, 0.10/0.05A	100/277 VAC, 50/60 Hz, 0.10/0.05A
Weight	NEMA 4X, UL approved enclosure	NEMA 4X, UL approved enclosure	NEMA 4X, UL approved enclosure
Enclosure	7lbs.	7lbs.	7lbs.

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