

Who is Arch Environmental?

*manufacturer and worldwide distributor of preferred bulk conveyor components since 1975

Mechanical Division

Belt Cleaners • Belt Alignment • Sealing Systems • Dust Control Systems • Impact/Slider Systems

Electrical Division

Belt Scales • Metal Detectors • Pull Cord Switches • Belt Protection Devices • Conveyor Control Systems

*facilities include a fabrication shop, a CNC machine shop, and state-of-the-art urethane production



Field proven industrial electrical components offer dependability with PLC/PC interface.

One of two built-in totalizers is resettable and is tailored to your needs.

Unlimited communications options (wired or wireless).

Auto-Tare function continuously maintains true 'zero' regardless of material buildup.

Analog to digital conversion using solid state electronics.

PLC-based processor.

User-friendly software.

Easily integrated into existing data management system with optional SCADA capabilities.

Simple 3-step calibration.

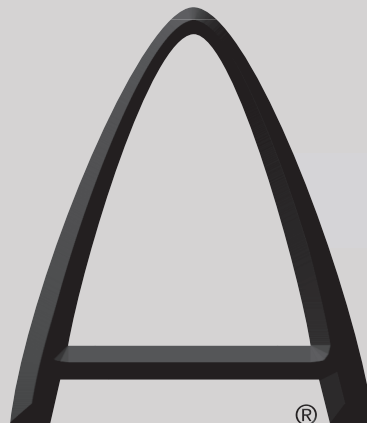
ARCHWEIGH 1000[®] WEIGHT INTEGRATOR



Touch screen technology makes it simple to determine total weight, rate of flow, and belt speed with precision.

Easy maintenance and repair thanks to modular design technology.

- | | |
|----------------------------|---|
| EZ Installation | ✓ |
| Low Maintenance | ✓ |
| Corrosion Resistant | ✓ |
| Fast Delivery | ✓ |
| Worksheet Req'd | ✓ |



ARCH
ENVIRONMENTAL
EQUIPMENT, INC.

CONVEYOR EFFICIENCY SPECIALISTS

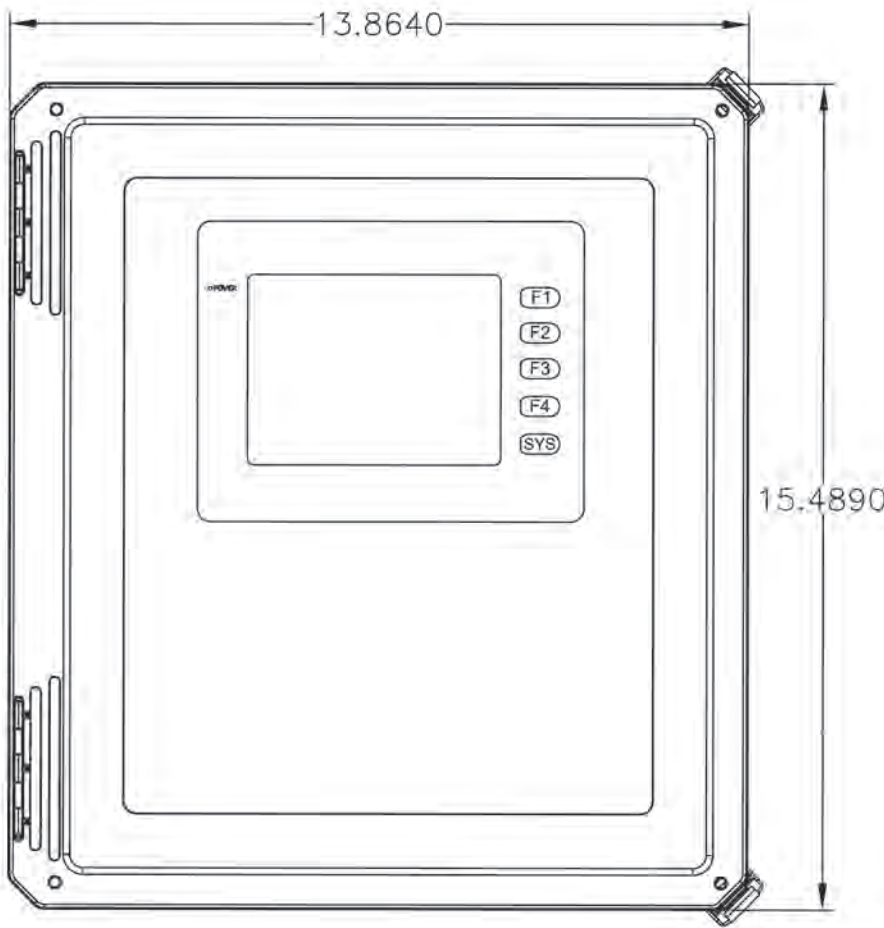
800-553-4567

www.archenv.com

(Conveying Confidence)



ARCHWEIGH 1000® WEIGHT INTEGRATOR



Power

110 or 220 VAC, 24VDC

2 amps

Protection: Internal fuse

Options

Outputs: 4-20 mA, 0-20 mA,
0-5V, 0-10V, digital

Displays: Large display,
remote display, chart
recorder, long distance display

Control: Set point control

Temperature: 32-131°F (0-55°C)

Processor

Resolution: 1:500,000

Updates: 60/second

Filter: 3 Pole digital

Converter: 16-bit solid state analog-to-digital

Port: RS422 remote host interface

Output: pulse output, field definable

Enclosure

14"(H) X 12"(W) X 8"(D)

Protection: NEMA

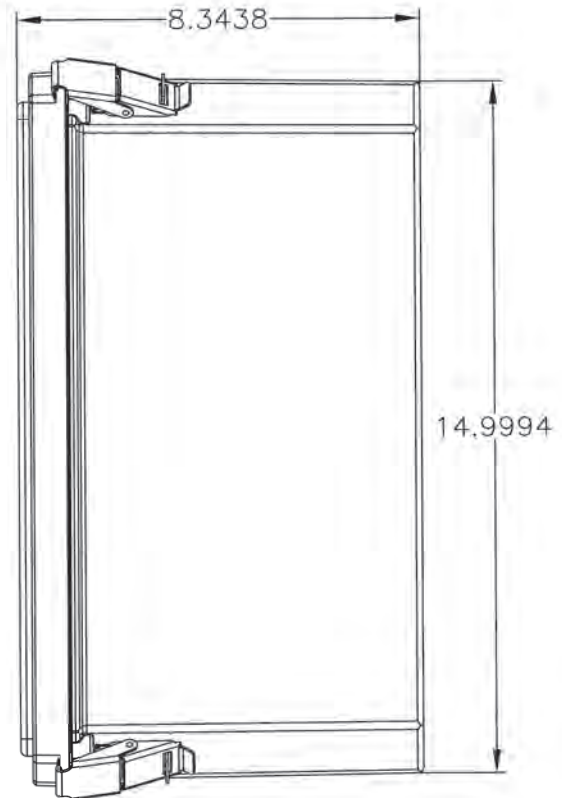
Construction: Steel

Display

6" touch panel-4.75" X 3.5"

Indication: Static weight, speed, and rate

Units: Tons, longtons, metric tons, pounds



Covered under one or more of the following patents:
4,202,437;4,231,471;4,436,446;4,489,823;4,533,036;4,779,716;4,877,125;
4,989,727;5,149,305;5,222,588;5,222,589;5,219,063;5,350,053;5,725,083;
other patents pending

Note: If available, prices vary with options.