



# Toledo Integrated Systems

Toledo Transducers Inc.

## TONNAGE

The PWi can extend the life of your press and dies by preventing excessive hard hits. Capacity, high and low setpoints can be set with this monitor and if any of the setpoints are crossed, the press will stop. The PWi can also be used to determine the minimum amount of force needed to form a part.

## PRESSNET V5 COMPATIBLE

The PWi is PressNet V5 compatible, which means the current tonnage, alarm status and signatures (if applicable) can be viewed from an internet browser.

## ECONOMICAL

This monitor provides a full range of features such as peak tonnage, reverse tonnage, time based signatures and critical curve monitoring at an affordable price.

## TECHNICAL SUPPORT

Toledo Integrated Systems can provide the on-site technical support and turn-key installation.

## PWi PressWatch Tonnage Monitor

Cost Effective Tonnage Monitor w/ Signature Analysis



The PWi PressWatch production monitor is a cost effective full-featured monitor that interfaces with load sensors to provide force measurement for press protection and quality control. The PWi is capable of monitoring up to 8 channels. Each channel and the total is displayed on high-visibility 5-Digit LED displays. The LCD graphic display provides a user-friendly menu system.

The PWi is also able to display time-based signatures on the front LCD screen for each channel. With signature analysis, Signature analysis can be used in determining the amount of force exerted throughout the press stroke. This can be especially useful in determining if the amount of stress on the press is happening too early in the stroke. It is important to know what tonnage is being developed and where in the press stroke it occurs.



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Description	Specification
Dimensions	8.90" W x 6.88" H x 5.00" D
Input Voltage	120VAC (Optional 24VDC)
Display	LCD graphic w/back-lighting (1.5" x 2.75")
Probe Input	Built-in voltage source provides power for the probe. It supports NPN/PNP proximity probes and solid state or dry contact relays.
Outputs	Top & Immediate stop relays (mechanical w/NO & NC contacts)

Features	Standard	Option
2-Channel Load Monitoring	✓	
4-Channel Load Monitoring	✓	
8-Channel Load Monitoring		✓
Reverse Load Display	✓	
Signature Analysis		✓
Resolver Input For CCM		✓
Menu-Driven User Interface	✓	
(2) Shutdown Relays (Top & Immediate)	✓	
100 Job Storage	✓	
(1) RS422 / Ethernet Port (Pressnet)	✓	
(2) Additional RS422 Serial Ports		✓
PressNet V5 Compatible	✓	
120VAC Input Power	✓	
24 VDC Input Power		✓



**Toledo Integrated Systems**  
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