

Expose



**Helm Instrument Co., Inc.
361 W. Dussel Drive
Maumee, OH 43537 USA
419-83-4356**

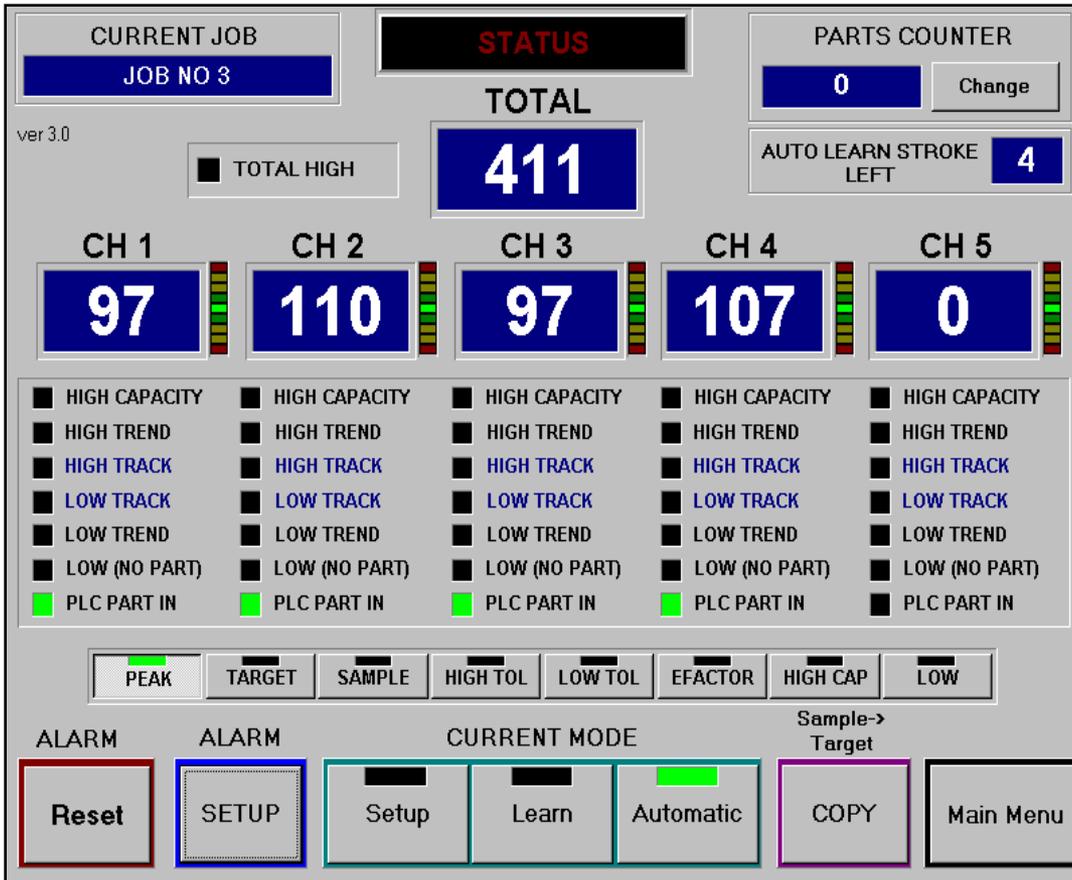
- **Founded:** 1962
- **Legal Form:** Private Corporation
- **Founder:** Donald F. Wilhelm
- **President & CEO:** Richard T. Wilhelm
- **Head Office:** Maumee, Ohio USA
- **International Sales Office:** Cardiff, South Wales U.K.



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Coldforming-5 Channel PTM Screen

Model PTM-5600



Utilizes either peizo or strain gauge sensors



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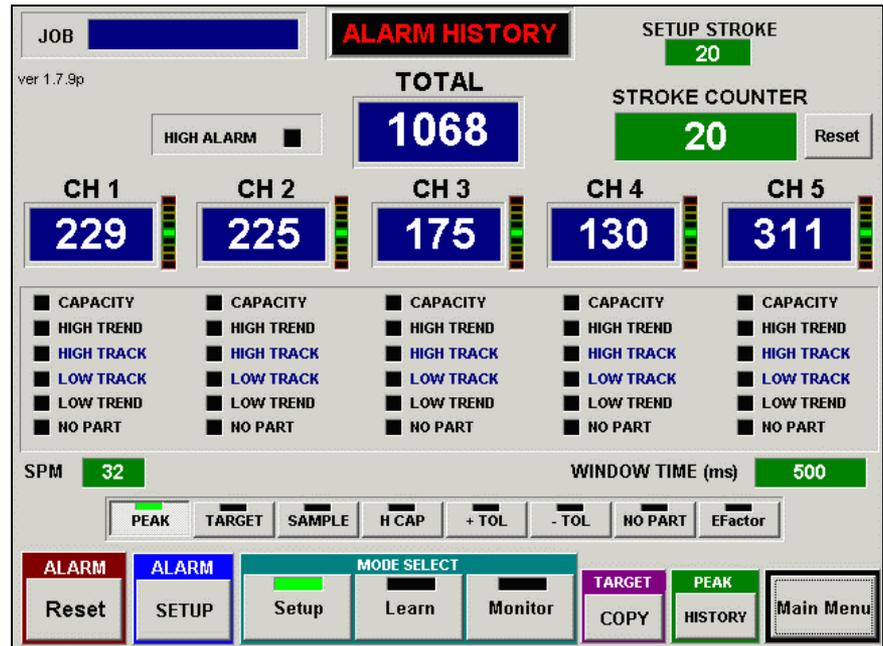
PTM SPECIAL MODEL FEATURES

*Piezo Sensor Input Model which Replaces TMG System
(5Ch or 6Ch System Available)*

Piezo PTM Module



PTM Multigard Piezo



- Diverter Control Output
- Consecutive Fault Delay Counter



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PTM LOADGARD OVERVIEW

- Job Recipe for Quick and Easy Job Setup

JOB RECIPE MANAGER ver 1.0.2

JOB NAME	JOB NOTE
▶ VISTEON1	TEST JOB1
VISTEON2	TEST JOB2
PA8937-23T	TEST JOB
PA35465-23	TEST JOB
PAT8765-34	TEST JOB
PA123-453	TEST JOB

Navigation buttons: Home, Up, Down, Previous, Next

Buttons: **EDIT ON**, Edit, Remove, Edit, Add, Copy, **Download**, Main Menu

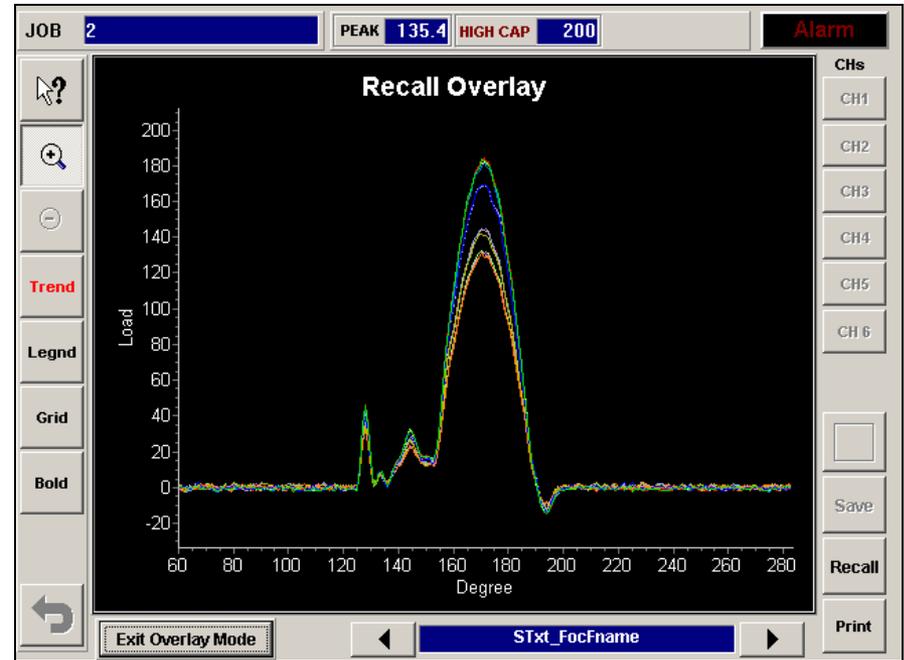
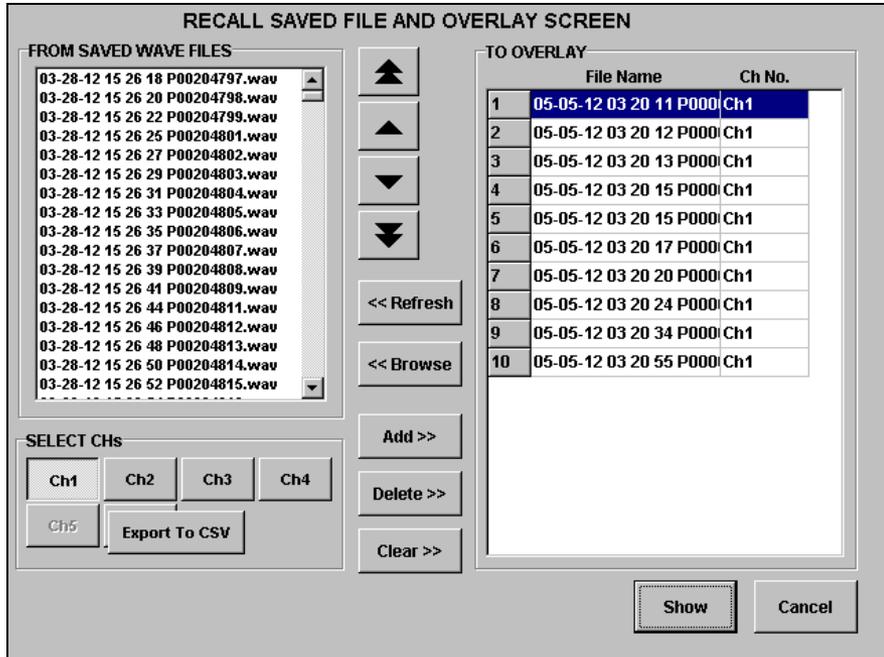


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PTM LOADGARD OVERVIEW

- Recall and View Stored Signature Files (Hard Hits)



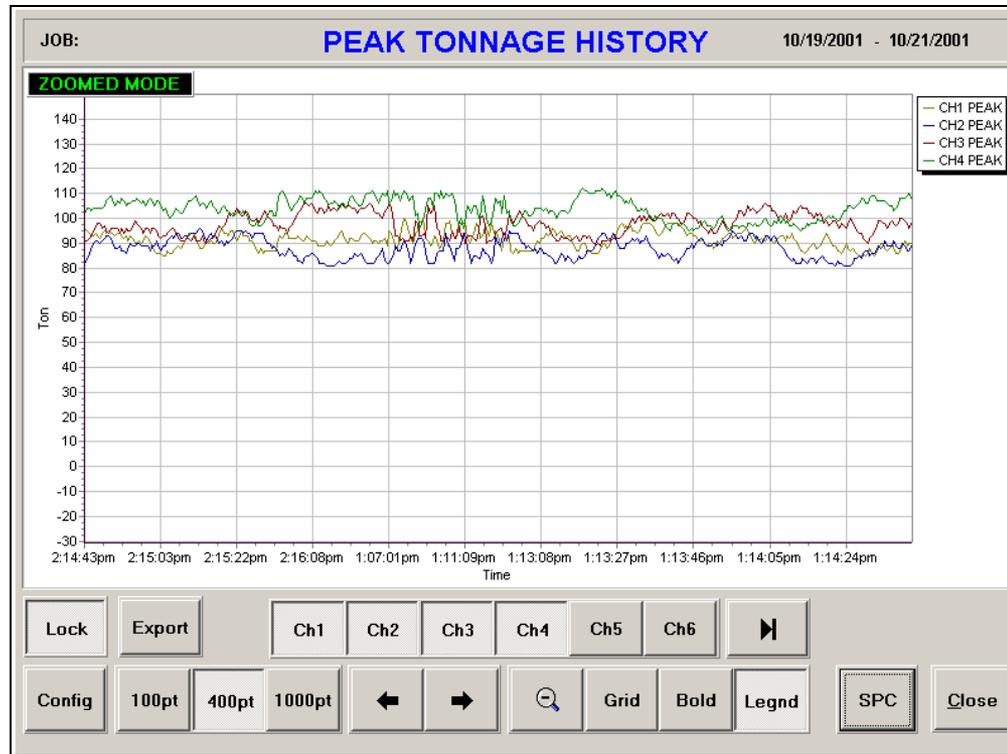
- Stores Last 1000 Hard Hit Load Signatures
- Stores Last 500 Strokes of Every Load Signature
- Recall Stored Signatures with Multiple Signature Overlay Feature



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PTM LOADGARD OVERVIEW

- Peak Load / Hard Hit History Graph & Export Data to CSV File



- Stores Last 40,000/ch Peak Tonnage History
- Configurable to store every, every other, or every x number of stroke.
- Configurable only to Store Alarm or Hard Hit Peak Tonnage

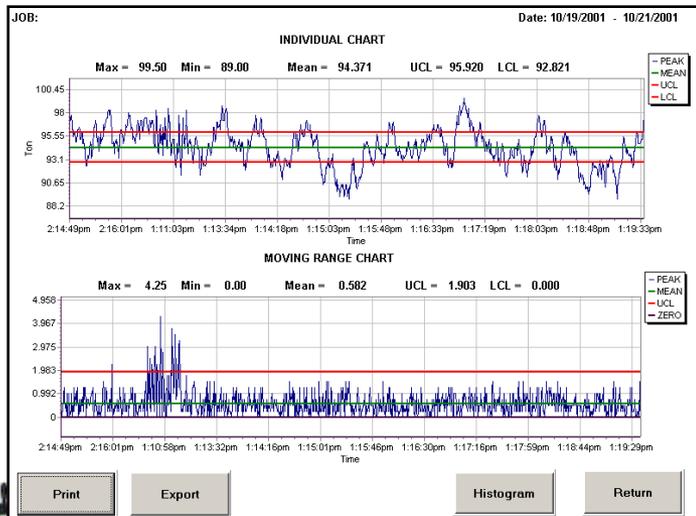
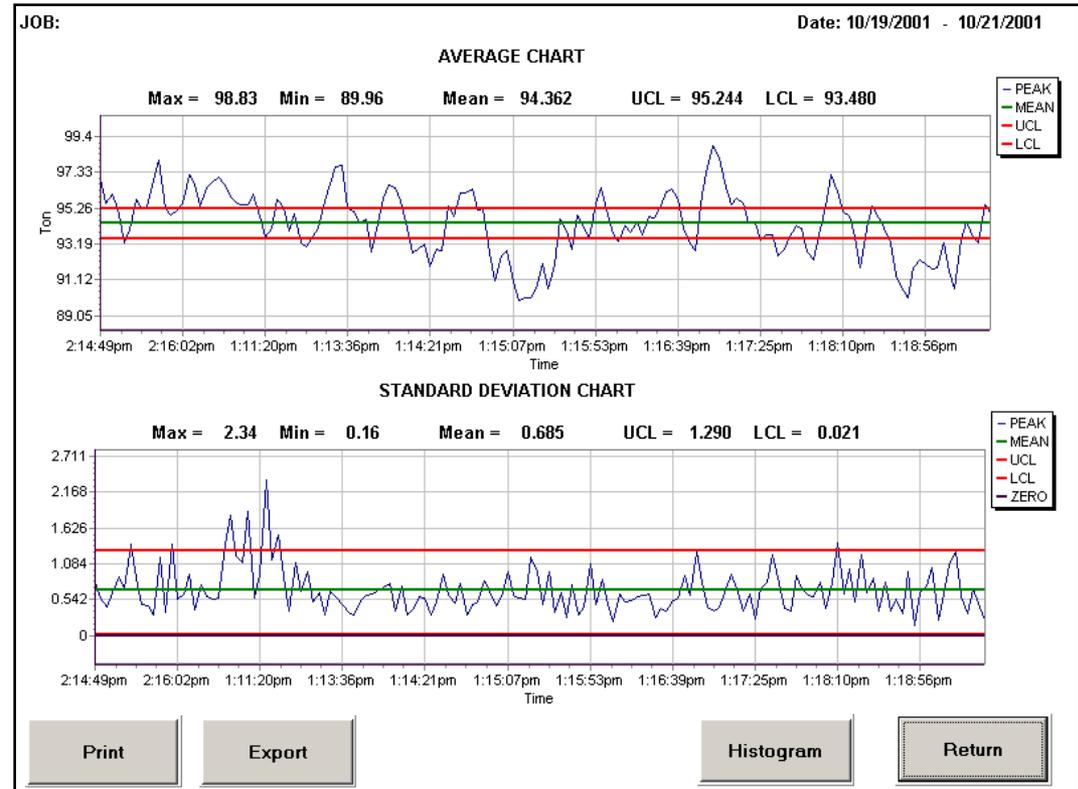
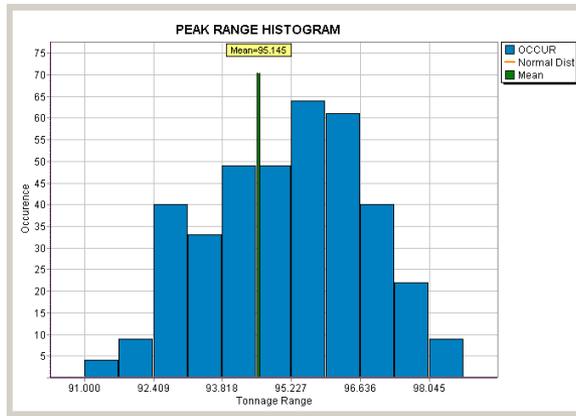
On- Screen SPC Chart Generated from Peak History.



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PTM LOADGARD OVERVIEW

•Variety SPC (Statistical Process Control) Chats

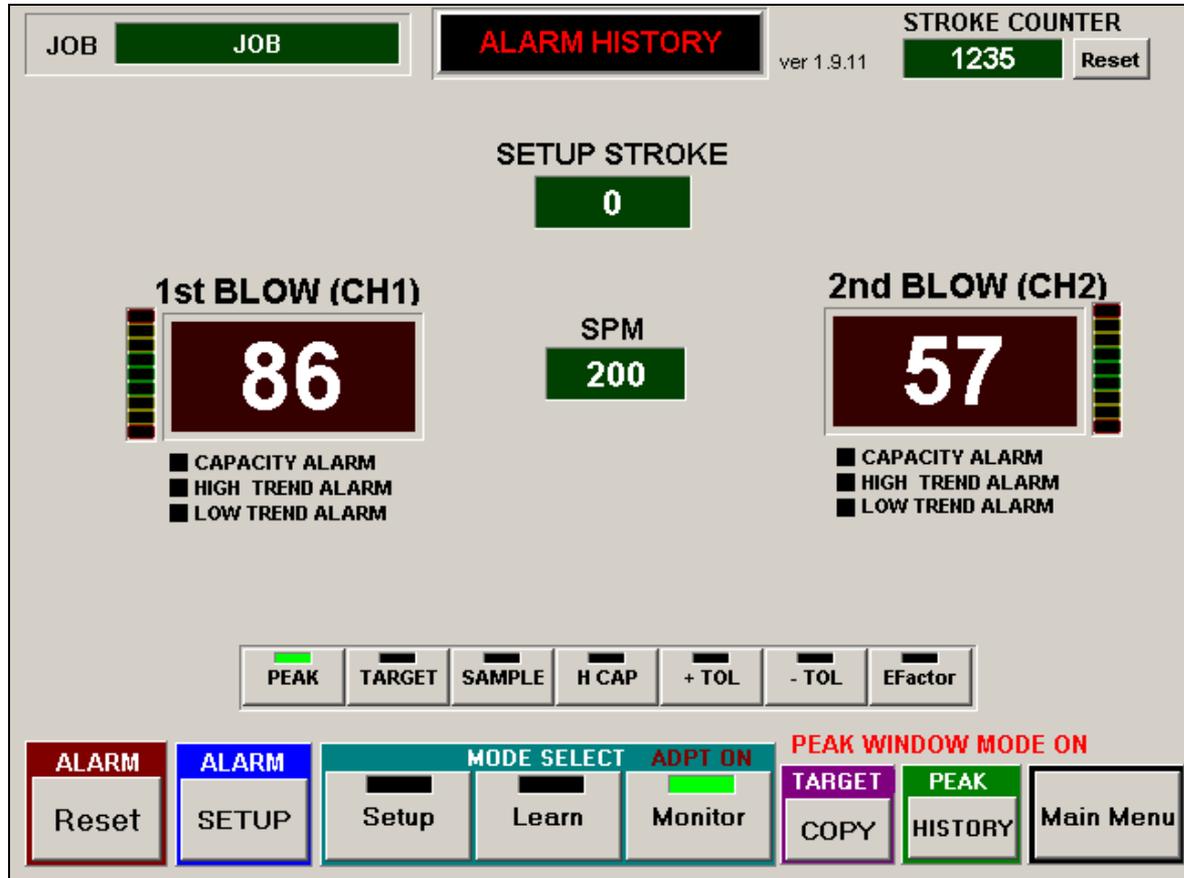


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PTM LOADGARD OVERVIEW

PTM-2300 PartGard (1 Ch In-Die Sensor)



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PTM-5500 Installation



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PTM-6700 Installation



Molex cable with oil tight connector

Helm oil resistant protection cover



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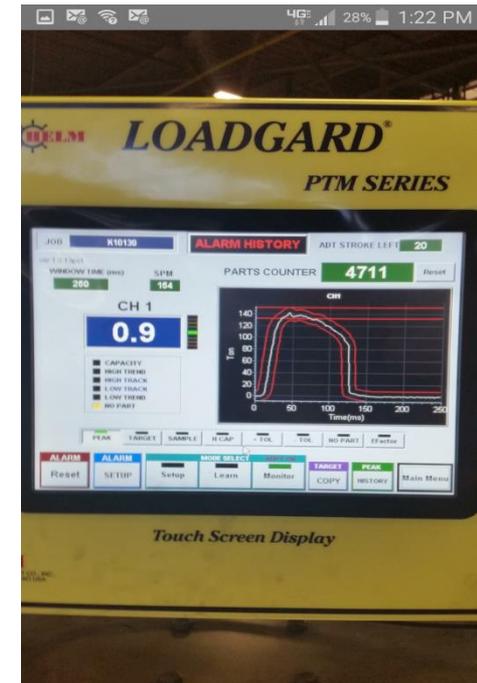
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Threadgard-PTM-1100 Installation

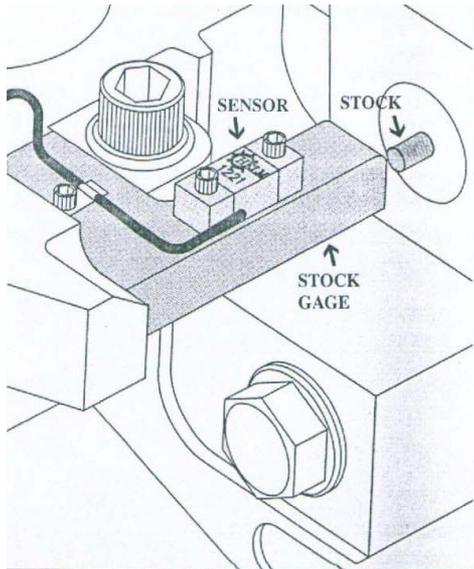
Conditions Detected:

- Risers
- Spirals
- Misfeeds
- Over or undersized blanks

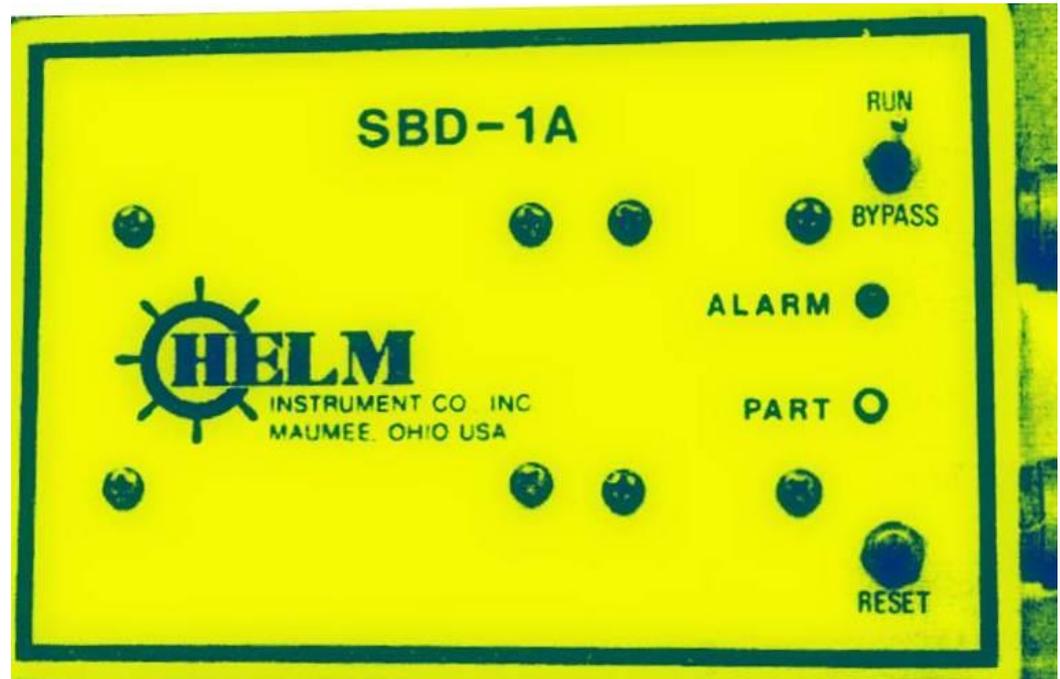


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Coldforming: Short Blank Detector



Typical Sensor Installation



- Sensitivity Adjustment
- Latching Alarm
- 12V Prox Probe Input



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