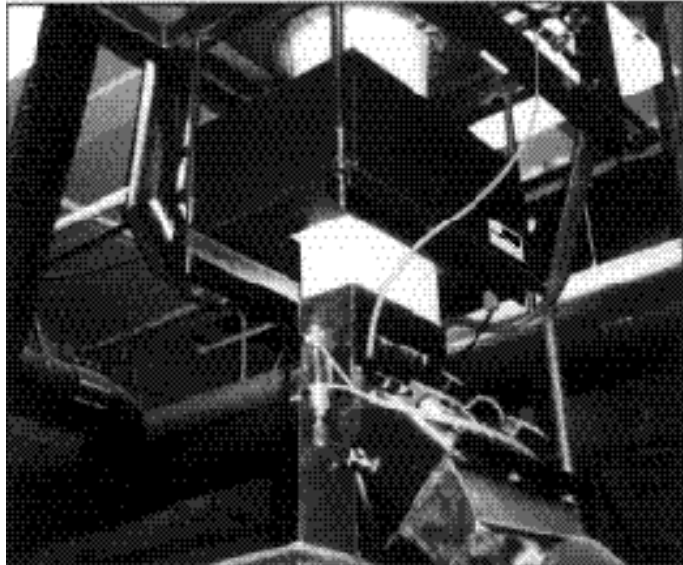


USED IN A WIDE RANGE OF INDUSTRIES INCLUDING:

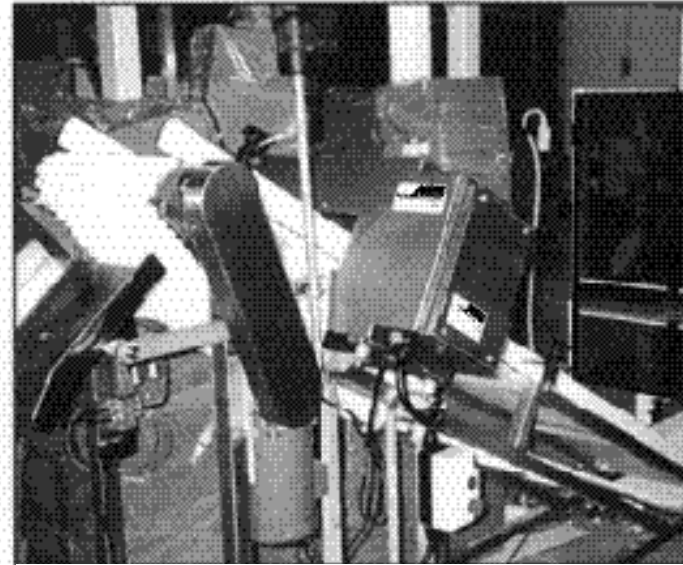
- Food
- Pharmaceutical
- Plastics and Rubber
- Textile
- Lumber

FOR MATERIAL PROCESS SYSTEMS SUCH-AS:

- Conveyed
- Gravity Drop-Through
- Pipeline
- Webs (paper, textiles)
- Pneumatic Conveying



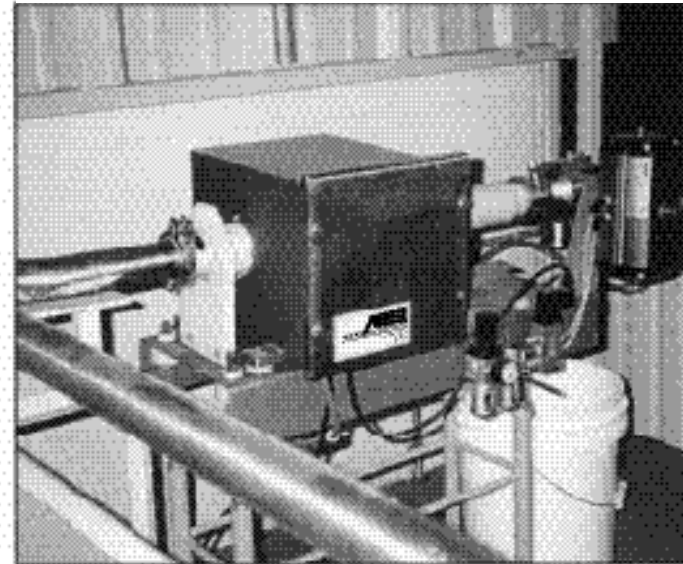
Gravity Drop-Through



Conveyed Bulk Product



Conveyed Packaged Product



Pneumatic Conveyed

A business unit of Magnetic Products, Inc. MPE is boldly emerging as one of the industries strongest providers of Integrated Material Processing Equipment. With it's main facility in Highland, MI., MPE will offer innovative solutions and extended value to every piece of material process equipment they sell.



MATERIAL PROCESS EQUIPMENT

Toll Free: **(800) 544-5930**

Phone: **248-887-5600**

Fax: **248-887-6100**

Email: **info@mpimagnet.com**

METAL DETECTION SYSTEMS



Simple

Reliable

Performance

MPE Metal Detectors have grown out of the need for a new approach for a total metal control system. Most metal detectors today are far too complicated, and difficult to set up properly.

At MPE, we are committed to providing total metal control systems that offer rugged reliability in a simple easy-to-use system without sacrificing performance.

Simple

From initial system designs through installation and set-up, MPE metal detectors are straight forward and easy to use. These detectors are very power efficient, there are no remote controls or power supply enclosures to mount and no tangle of wires to connect.

Reliable

With 50-60% less parts than most detectors, with attention to thermal efficiency and an integral design, MPE detectors have proven to be extremely rugged. The wide range of our unique balance system eliminates the need for manual balance adjustments under ambient conditions that can range from a freezer tunnel to a bakery oven output.

Performance

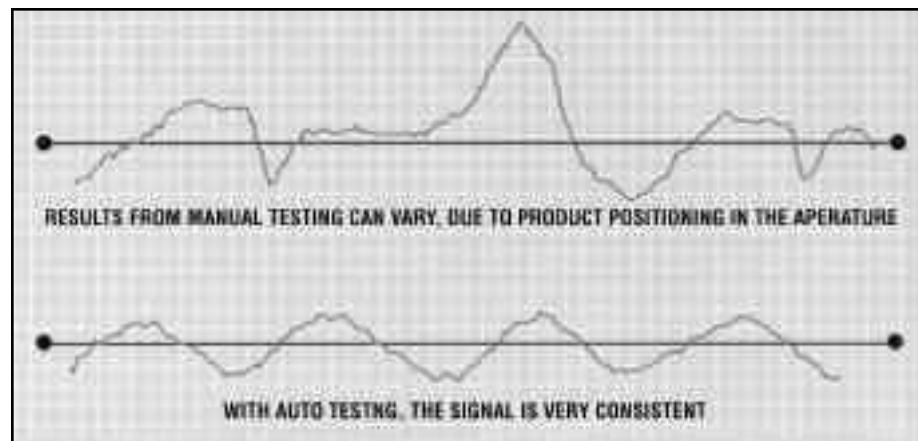
The performance of MPE's metal detectors is exceptional and we always endeavor to provide the customer with realistic and achievable sensitivity expectations.



AUTO TEST FEATURE: (Digital)

It is imperative that all metal detectors be tested frequently and it is demanded by HACCP procedures. However, many detectors are difficult to test because of location or application and these systems often become neglected as a result. To address this problem, MPE detector's use a unique automatic test system that can inject a signal that exactly imitates the size and shape of a test sphere.

The test can be initiated by a remote or local test button, or a computer (when the communication system is being used). For truly automatic operation, this system can be configured to run this test signal at a prescribed interval. Using this test feature can actually improve the accuracy of the results by providing a level of consistency unlikely to be achieved with a manual test method. By making the test procedure easier you can be assured that frequent testing will be performed.



MPE offers two different control technologies on all of its metal detection products. Both were developed with the overriding philosophy – “Keep It Simple”

ANALOG - MODEL	DIGITAL - MODEL
<p><u>Features:</u></p> <ul style="list-style-type: none"> • Analog technology • Full automatic balance • Integral sensitivity and timing controls • High sensitivity • Extremely easy to set-up and use • Modular electronics • Remote controls available (up to 200 ft.) <p>APPLICATION:</p> <ul style="list-style-type: none"> • Best suited for food applications with no product effect • Perfect for machinery protection applications in plastics, textiles, and wood industries <p>UPGRADE:</p> <ul style="list-style-type: none"> • Can be easily upgraded at any time to the fully digital Phantom model 	<p><u>Features:</u></p> <ul style="list-style-type: none"> • Digital technology, using a <u>Digital Signal Processor</u> for the detection operations and a microprocessor for the interface functions • Full automatic balance • Auto Test • Integral sensitivity and timing controls • High sensitivity • Extremely easy to set-up and use • Modular electronics • Remote controls available (up to 200 ft.) <p>APPLICATION:</p> <ul style="list-style-type: none"> • Any • Excels in applications with product effect (constant or varying), and when multiple product set-ups are required • When communications or record keeping is required

RUN MULTIPLE SEARCH HEADS FROM A SINGLE CONTROL INTERFACE:

With our Digital model, multiple detectors can be controlled by a single control interface. This feature can reduce both equipment and installation costs, especially in applications where groups of detectors are installed in hard to reach locations.

