Wedderburn®

Since 1896.

Industrial Metal Detector

Model: WMD Series

WMD Series Industrial Metal Detectors reliably detect metallic contaminants in product. Each machine comes standard with a buzzer alarm that triggers if any metal particle deposits are detected and the highly sensitive metal detection system enables delivery of contaminant-free product to your end customer.

A choice of aperture widths and rejection systems means Wedderburn can deliver a metal detection system that suits both your product and operating environment.

FEATURES
WMD SERIES

- large 7 inch touch screen interface
- programmable memory stores up to 90 items
- 4 different operating levels with password protection
- program and QA data backup via USB
- remote control access via ethernet
- easy belt removal for cleaning
- automatic rejection with reject confirmation (optional)
- robust stainless steel frame with height adjustable legs

SPECIFICATION CHOICES

To ensure optimal metal detection, each of the following will be specified to suit your product and operating environment;

- aperture size
- belt type
- test wands
- rejection system

Additional information on specfication choices are on pages 2 and 3.

Specifications may change without notice

◢ **Packaging Equipment.**

Weighing Scales. Packaging Equipment. Labelling Equipment. Labels. Food Equipment. POS Solutions. Maintenance & Repairs.

Freephone: 0800 800 379   enquiries@wedderburn.co.nz   **www.wedderburn.co.nz**

SPECIFICATIONS

Theory	Balanced coil
Aperture size	Various aperture sizes available, refer to chart below
Belt speed	PU Belts: 10 - 40 metres per minute MOD Belts: Fixed 30 metres per minute
Rejection systems	Choice of rejection systems available including; air blow, swing arm, push arm and drop flap
Alarm	Buzzer and lamp
Power	230 V 50 - 60 Hz
Dimensions (mm)	Will depend on machine configuration
Net Weight	Approx 200 kg

VARIATIONS

Model Number	Aperture Width (mm)	Aperture Height (mm)
WMD350-PU	350	100 - 400
WMD400-PU	400	100 - 400
WMD450-PU	450	100 - 400
WMD500-PU	500	100 - 400
WMD600-PU	600	100 - 400
WMD350-MOD	350	100 - 400
WMD400-MOD	400	100 - 400
WMD450-MOD	450	100 - 400
WMD500-MOD	500	100 - 400
WMD600-MOD	600	100 - 400

PU Conveyor

MOD Conveyor

Specifications may change without notice

◤ *Packaging Equipment.*

Weighing Scales. Packaging Equipment. Labelling Equipment.
Labels. Food Equipment. POS Solutions. Maintenance & Repairs.

Freephone: 0800 800 379   enquiries@wedderburn.co.nz   www.wedderburn.co.nz

TEST WAND OPTIONS

Each Test Wand is uniquely identified and comes supplied with a Certificate of Conformity.

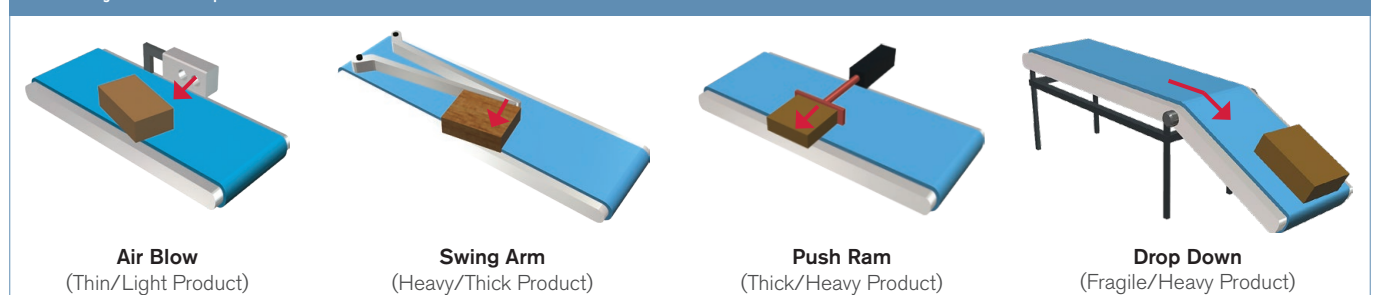| Part Number	Description
GY0850	Test Wand Ferrous 1.0 mm
GY0851	Test Wand Ferrous 1.2 mm
GY0852	Test Wand Ferrous 1.5 mm
GY0853	Test Wand Ferrous 2.0 mm
GY0854	Test Wand Ferrous 2.5 mm
GY0855	Test Wand Ferrous 3.0 mm
GY0856	Test Wand Ferrous 3.5 mm
GY0857	Test Wand Ferrous 4.0 mm
GY0858	Test Wand Ferrous 5.0 mm
GY0859	Test Wand Ferrous 6.0 mm
GY0860	Test Wand Stainless Steel 1.0 mm
GY0861	Test Wand Stainless Steel 1.2 mm
GY0862	Test Wand Stainless Steel 1.5 mm
GY0863	Test Wand Stainless Steel 2.0 mm
GY0864	Test Wand Stainless Steel 2.5 mm
GY0865	Test Wand Stainless Steel 3.0 mm
GY0866	Test Wand Stainless Steel 3.5 mm
GY0867	Test Wand Stainless Steel 4.0 mm
GY0868	Test Wand Stainless Steel 5.0 mm
GY0869	Test Wand Stainless Steel 6.0 mm

Part Number	Description
GY0870	Test Wand Non-Ferrous 1.0 mm
GY0871	Test Wand Non-Ferrous 1.2 mm
GY0872	Test Wand Non-Ferrous 1.5 mm
GY0873	Test Wand Non-Ferrous 2.0 mm
GY0874	Test Wand Non-Ferrous 2.5 mm
GY0875	Test Wand Non-Ferrous 3.0 mm
GY0876	Test Wand Non-Ferrous 3.5 mm
GY0877	Test Wand Non-Ferrous 4.0 mm
GY0878	Test Wand Non-Ferrous 5.0 mm
GY0879	Test Wand Non-Ferrous 6.0 mm

REJECTOR OPTIONS

Part Number	Description
WMD-PUSHREJECT	Integrated Push Ram Rejector
WMD-ARMREJECT	Integrated Swing Arm Rejector
WMD-BLOWREJECT	Integrated Air Blow Rejector
WMD-DROPREJECT	Integrated Drop Flap Rejector
WMD-DROPCONVEYOR	Separate Drop Reject Conveyor

▲ Rejector Options

Air Blow
(Thin/Light Product)

Swing Arm
(Heavy/Thick Product)

Push Ram
(Thick/Heavy Product)

Drop Down
(Fragile/Heavy Product)

Specifications may change without notice

▲ *Packaging Equipment.*

Weighing Scales. Packaging Equipment. Labelling Equipment.
Labels. Food Equipment. POS Solutions. Maintenance & Repairs.

Freephone: 0800 800 379   enquiries@wedderburn.co.nz   www.wedderburn.co.nz