

# Custom Inline All-Metal Detector Quote Form

## Product Details

1. Product (Description): \_\_\_\_\_

Characteristics of the Product (Check all that apply):  Dusty  High Static  Product can be wet at times

High percentage of carbon in the product  Product is very abrasive  Larger particles can be intermingled

2. Particle Size/Dimension: \_\_\_\_\_ 3. Moisture Content: \_\_\_\_\_ %

4. Feed Rate: \_\_\_\_\_ lbs/hr 5. Bulk Density: \_\_\_\_\_ LBS/FT<sup>3</sup>

6. Product Temperature: \_\_\_\_\_ °F 7. Material Feeding From: \_\_\_\_\_

**Note: Freefall height to inlet of detector not to exceed 18"**

8. Material Feeding To: \_\_\_\_\_

Additional Application Details: \_\_\_\_\_

## Detector Details

1. Feed Hole OD:  1-3/16" (30mm)  2" (50mm)  2-3/4" (70mm)  3-1/8" (80mm)  
 3-7/8" (100mm)  4-3/4" (120mm)  5-7/8" (150mm)  7-7/8" (200mm)

2. Detached Controls:  Yes Cable Length Required: \_\_\_\_\_ feet. **Note: Not available on all models**

3. Location:  Indoor  Outdoor Environment Temperature: \_\_\_\_\_ °F min / \_\_\_\_\_ °F max

**Note: Inline all-metal detectors are NOT to be used in food applications**

**Feed rate must be calculated on a continuous basis**

4. Construction:  Utility grade painted construction (standard in this configuration)  
 Painted coil with stainless frame and diverter (wipe down only)  
 Stainless steel complete (extreme wash down with high pressure)

**Note: Stainless coil required in heavy wash down or corrosive environment**

5. Voltage:  110-240 VAC 50/60 Hz, Single Phase  Other: \_\_\_\_\_ V / \_\_\_\_\_ Phase

6. Sensitivity Requirement: \_\_\_\_\_ FE \_\_\_\_\_ NFE \_\_\_\_\_ SS

7. Detector Options:  Test Ball Retrieval Kit (Good Port)  Test Ball Retrieval Kit (Reject Port)

Inlet Hopper \_\_\_\_\_ ft<sup>3</sup>  Drawer Magnet on infeed

Outlet Transition (Clean Product) \_\_\_\_\_ Outlet OD  Outlet Transition (Reject Product) \_\_\_\_\_ Outlet OD

Floor Stand \_\_\_\_\_ Distance from floor to inlet  Inlet Stub

**ATEX** Hazardous Environment - Will this unit require an explosion proof rating? ATEX ratings are available on certain detectors. (ATEX is the European Union standard, which meets all of the requirements of the NEC North American Standard.) A chart is available to explain the classification terms for ATEX.

**NOTE: Available only as 5.1 Touch**

**Requested ATEX Classification** \_\_\_\_\_

Date: \_\_\_\_\_ Quantity: \_\_\_\_\_ Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company Name: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_