

Metal Detection Solutions For Hazardous Locations



Enhanced brand protection

Profile T & ST Series metal detectors deliver class leading sensitivity to support maximum product quality. The combination of increased sensitivity and superior reliability provide protection for customers and brands.



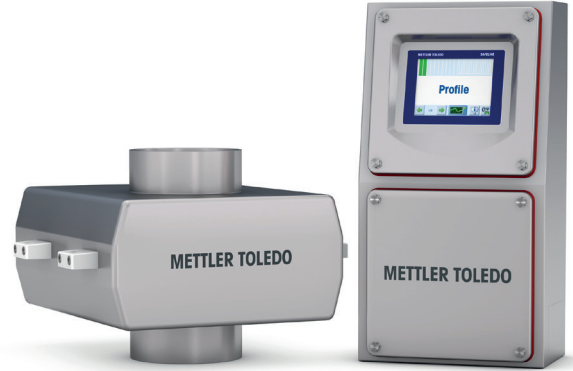
Increased Productivity

The Profile platform with full-colour touchscreen interface enables simple set-up and operation. Reduced Test Mode feature enables a reduction in the frequency of performance monitoring tests. Easy clean designs and integrated test facilities minimize downtime.



Enhanced Safety

Profile T and ST series metal detectors deliver certified compliance with clear labelling and red colour-coded gaskets providing easy visual identification of compliant systems.



NEC / CEC Hazardous Location compliant solutions for Class II, Division 2 / Class II Zone 21 Applications

Locations that feature flammable substances and potentially explosive atmospheres represent a significant source of danger in modern manufacturing facilities. Equipment installed in such locations must adhere to stringent and specific compliance requirements.

For environments subject to risk from potentially flammable dusts, the Profile T & ST series of metal detectors have been further expanded with the addition of cETLus-certified systems fulfilling the requirements of Class II Division 2 / Class II Zone 21 Hazardous locations. These systems are offered in addition to the existing ATEX & IECEx compliant metal detectors.

Technical data

HazLoc-compliant Profile T & ST

Metal Detection Solutions for Vertical / Gravity-fed Applications

METTLER TOLEDO Safeline's T & ST series metal detectors are particularly suitable for applications that require maximized productivity with no compromise on quality. These proven solutions deliver class leading sensitivity and reliability whilst eliminating false rejects and product waste. Optimized process efficiency is supported by innovative features that minimise maintenance requirements and enable reduced frequency of performance testing.

Features

Metal detector heads & enclosures for Class II Division 2 / Class II Zone 21 Hazardous locations are cETLus certified and feature fully compliant components and sub-systems including:

- Robust, code complaint dust-tight enclosures accommodating system components & accessories
- UL listed cable glands & blanking plugs
- Upgraded gasket materials coloured red to enable easy identification
- Protective HMI / Touchscreen cover

Standard Product Cost Options*

- Power-isolation switch with illuminated pushbutton
- Beacon (Single color)
- Beacon (Single Color) & Sounder Combination
- Automatic Test System (When fitted as Original Equipment)

*Further Options available upon request

Product Scope

- T & ST Series
- Stainless Steel 304 & painted finishes
- Aperture ranges
 - T Series 50mm to 400mm
 - ST Series 50mm to 235mm
- Standard & reduced height versions

Serial No. Manufacturing Date.

CL II, Zone 21, AEx Ib IIIC T135°C Db
CL II, Div 2, Groups F, G, T135°C

Certified to CSA STD C22.2 No 60079-0:2015
and CSA STD C22.2 No 60079-31:2015
Conforms to UL STD 60079-0:2013
and UL STD 60079-31:2015

Label ID: 30583522



METTLER TOLEDO Group

Product Inspection Division

Local contact: www.mt.com/contacts

Subject to technical changes

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www.mt.com/metalDetection

For more information