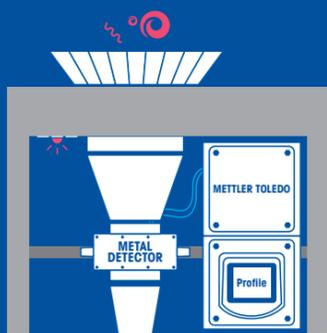


How much does metal detector testing cost your business?

Learn how to unlock productivity potential, enhance quality and improve worker safety with the latest METTLER TOLEDO Safeline metal detectors for dry product applications



Detect up to 50% smaller irregular shaped **metal contaminants** in high volume, dry product applications



New **eDrive™** technology delivers up to 20% improved spherical sensitivity.

This means significantly shorter irregular shaped metal contaminants such as sieve wire can now be detected, for improved brand protection.

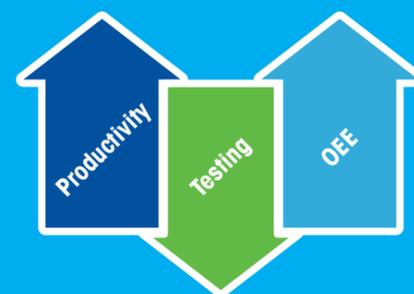
Reduce the frequency of performance monitoring testing **by up to 83%**



Reduced Test mode monitors metal detector performance to ensure it is always working to or better than the required specification.

Increased confidence allows operators to reduce the frequency of testing, subject to quarantine periods.

Reduce actual test time to less than 30 seconds per line and improve test repeatability



The **ATS - Auto Test System** can be installed to complement manual test processes.

Process quality is improved through increased repeatability of test procedures for all available metal types.

Emulation uses Virtual Network Computing (VNC) client technology to provide remote access to and control of the metal detector HMI via networked devices. This is ideal when they are installed in inaccessible locations, supporting increased efficiency, improved quality processes, and enhanced worker safety.

Improved Worker Safety

Significant reduction in the need to work at height

No need to stretch across production line equipment to conduct performance monitoring tests



Mini Case Study



A typical snack food manufacturer has 24 weigher/bagger lines, running at an average speed of 100 bags per minute. The facility currently performs performance monitoring tests every 2 hours (12 times per day). Each test procedure takes 3 minutes, and results in the line stopping.

	Production Impact	
	Testing Every 2 Hours* (current)	Testing every 12 hours* (running in Reduced Test mode)
Production time lost per day:	3 minutes x 12 times per day x 24 lines = 864 minutes	3 minutes x 2 times per day x 24 lines = 144 minutes
Product packs lost per day:	864 minutes x 100 bags per minute = 86k bags	144 minutes x 100 bags per minute = 14k bags
Product packs lost per year:	86400 bags x 350 days = 30m bags	14400 bags x 350 days = 5m bags

Results from using Reduced Test Mode:
25 million more packs produced per year
4200 man hours saved annually

*Subject to quarantine periods and site-specific operating conditions

Find out more

▶ www.mt.com/md-pve-info

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