Effective Spare Parts Management
For Total Peace of Mind
Genuine Spare Parts Kits
Enhancing Uptime

METTLER TOLEDO product inspection offers a comprehensive range of genuine spare parts to minimize repair time and maximize equipment uptime. Effective spare parts management combined with user training and regular service are crucial in optimizing the life of your product inspection equipment.

Our genuine spare parts help to maintain equipment performance by ensuring high operational efficiency, minimizing unexpected failures and keeping service time to the absolute minimum.

Benefits of having genuine spare parts at hand:

- **Minimize unplanned downtime**
  - Handle smaller repairs yourself in-house
  - Guaranteed parts availability
  - No unscheduled stops due to missing parts

- **Increase performance**
  - Maximize Overall Equipment Effectiveness (OEE)
  - Ensure optimum performance

- **Full compliance**
  - Meet all regulatory requirements by using the right spare parts
  - Avoid unsuitable 3rd party components that might not meet your specification requirements

- **Protect your investment**
  - Profit from price advantages compared to ordering individual parts
  - Lower life cycle costs by using high quality spares

We recommend combining maintenance training with spare part kits and one of our care contracts for complete peace of mind.
Basic Kit
Minimize wear and tear related downtime
A set of wear parts for your product inspection system, such as: rollers, tooth belts and conveyor belts.

Uptime Kit
Maintain highest mechanical performance levels
Selected mechanical and moving spare parts to meet your agreed performance levels.

Electronics Kit
Avoid line stoppages due to electronic failures
Critical electronic components to protect the heart of your product inspection system.

Complete Kit
Complete peace of mind
A full package of wear, mechanical and electronic spare parts to minimize unplanned downtime.
Checkweighing Spare Part Kits
For Handling Products Above 10 kg

A choice of spare part kits tailored to the following product families: C21, C23, XE40, XE100, XS40, XS100, ICS469-40, ICS469-100, as well as to the CM21, CM23, XE100 CC combination systems*.

<table>
<thead>
<tr>
<th>Basic Kit</th>
<th>Uptime Kit</th>
<th>Electronics Kit</th>
<th>Complete Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Weighing Conveyor Belt</td>
<td>• Weighing Conveyor Belt</td>
<td>• Weighing Conveyor Motor</td>
<td>• Includes all parts of the Uptime and Electronics kits.</td>
</tr>
<tr>
<td>• Weighing Conveyor Tooth Belt</td>
<td>• Weighing Conveyor Tooth Belt</td>
<td>• Realtime Controller</td>
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<tr>
<td>• Motor Pulley &amp; Roller Pulley</td>
<td>• Motor Pulley &amp; Roller Pulley</td>
<td>• Frequency Converter</td>
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<td>• Fuses</td>
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</tbody>
</table>

* For combination systems please refer to inspection technology specific components.
Checkweighing Spare Part Kits
For Handling Products Below 10 kg

A choice of spare part kits tailored to the following product families: C31, C33, C35, XC, XS1, XE2, XE3, XS2, XS3, as well as to the XS2MV, XS2MV TE, CM31, CM33, CM35, CV35, CX35 combination systems*.

### Basic Kit
- Belts for Infeed, Weighing and Outfeed Conveyor
- Tooth Belt for Infeed, Weighing and Outfeed Conveyor
- Balanced Drive Roller
- Balanced Idle Roller
- Fuses

### Uptime Kit
- Belts for Infeed, Weighing and Outfeed Conveyor
- Tooth Belt for Infeed, Weighing and Outfeed Conveyor
- Balanced Drive Roller
- Balanced Idle Roller
- Fuses
- Weighing Conveyor Motor

### Electronics Kit
- Motor Connection Board
- Realtime Controller
- Weighing Conveyor Motor
- Fuses

### Complete Kit
- Includes all parts of the Uptime and Electronics kits.

* For combination systems please refer to inspection technology specific components.
Metal Detection Spare Part Kits
For Conveyorized Systems

A choice of kits with essential spare parts to ensure you keep your conveyorized metal detection system up and running for optimum performance.

<table>
<thead>
<tr>
<th>Kit</th>
<th>Parts Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Kit</td>
<td>• Conveyor Belt • Drive Roller • Idle Roller • Tension Roller</td>
</tr>
<tr>
<td></td>
<td>• Tracking Roller • Snub Roller</td>
</tr>
<tr>
<td>Uptime Kit</td>
<td>• Conveyor Belt • Drive Roller • Idle Roller • Tension Roller</td>
</tr>
<tr>
<td></td>
<td>• Tracking Roller • Snub Roller • Conveyor Motor</td>
</tr>
<tr>
<td>Electronics Kit</td>
<td>• Module Stack • Power Supply • Interconnect Board • Fan</td>
</tr>
<tr>
<td>Complete Kit</td>
<td>• Includes all parts of the Uptime and Electronics kits.</td>
</tr>
</tbody>
</table>

- Module Stack
- Power Supply
- Interconnect Board
- Fan
- Front Panel Module with standard or inverted HMI display. (In a choice of finishes)
Metal Detection Spare Part Kits
For Tunnel Metal Detectors

A choice of kits to ensure maximum uptime for your tunnel metal detector. Electronics kits are available for our 3rd and 4th generation metal detection technologies.

**Electronics Kit**

Spare Parts for Signature and PowerPhase Models:
- Module Stack of PCBs
- Power Supply
- Interconnect Board
- Module Front Panel

**Electronics Kit**

Spare Parts for Signature Touch Models:
- Module Stack of PCBs
- Power Supply
- Interconnect Board
- Power Driver Board
- Fan
- Front Panel Module

**Electronics Kit**

Spare Parts for Profile and PowerPhase Pro Models:
- Module Stack of PCBs
- Filtered Interconnection PCB
- Power Supply
- Power Driver Board
- Fan
- Front Panel Module

**Electronics Kit**

Spare Parts for Profile Advantage Models:
- Module Stack of PCBs
- Power Supply
- Interconnect Board
- Fan
- Front Panel Module
# X-ray Spare Part Kits
## For X33 and X36 Series

A broad choice of spare parts for the following X-ray inspection technologies: X33 and X36

<table>
<thead>
<tr>
<th>Kit</th>
<th>Components</th>
</tr>
</thead>
</table>
| **Basic Kit**| • Terminal Roller  
• Drive Roller  
• Tension Roller  
• Belt  
• Curtains Set  
• Bearing for Drive Roller |
| **Uptime Kit**| • Terminal Roller  
• Drive Roller  
• Tension Roller  
• Belt  
• Curtains Set  
• Bearing for Drive Roller  
• Motor |
| **Electronics Kit**| • Front Panel Control Buttons  
• Beacon Red Lamp & Base  
• Power Supply  
• Variable Frequency Drive  
• Apperture Sensors*  
• Front Door Interlock  
• Guard Interlock  
• Safety Relay  
• Bin Sensor*  
• Filter regulator Assembly  
Additional components included for X36:  
• Rear Door Interlock  
• I/O Module  
• Surge Suppressor Circuit Board  
• Fan |
| **Complete Kit**| • Includes all parts of the Uptime and Electronics kits  
• Complete kit for X36 contains an additional PC |

* Dependent on machine configuration
X-ray Spare Part Kits for X37 Series

A broad choice of spare parts for the following X-ray inspection technologies: X3710, X37320, X3730 and X3750.

<table>
<thead>
<tr>
<th>Basic Kit</th>
<th>Uptime Kit</th>
<th>Electronics Kit</th>
<th>Complete Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spare Parts for X3750:</td>
<td>Spare Parts for X3750:</td>
<td>Spare Parts for X3710 / X3720 / X3730 / X3750:</td>
<td>Spare Parts for X3710 / X3720 / X3730 / X3750:</td>
</tr>
<tr>
<td>• Infeed Drive Roller</td>
<td>• Reject Drive Roller</td>
<td>• Surge Suppressor Circuit Board</td>
<td>• Includes all parts of the Uptime and Electronics kits + Touch Screen Assembly and a PC</td>
</tr>
<tr>
<td>• Set of Belts</td>
<td>• Set of Rollers</td>
<td>• High Speed Reject Circuit Board</td>
<td>* Dependent on machine configuration</td>
</tr>
<tr>
<td>• Set of Rollers</td>
<td>• Bearings</td>
<td>• FIFO PEC Reject Sensor</td>
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</tr>
<tr>
<td>• Infeed Drive Roller</td>
<td></td>
<td>• Programmable Logic Controller</td>
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<tr>
<td></td>
<td></td>
<td>Additional components included for X3750:</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Variable Frequency Drive</td>
<td></td>
</tr>
</tbody>
</table>

* Dependent on machine configuration
Vision Inspection Spare Part Kits
For XMV, XS2MV & XS2MV TF

A wide choice of genuine spare parts for vision inspection technologies.

**Basic Kit**
- Weighing Conveyor Belt
- Weighing Conveyor Tooth Belt
- Motor Pulley & Roller Pulley
- Balanced Drive Roller
- Balanced Idle Roller
- Fuses

**Uptime Kit**
- Weighing Conveyor Belt
- Weighing Conveyor Tooth Belt
- Motor Pulley & Roller Pulley
- Balanced Drive Roller
- Balanced Idle Roller
- Fuses
- Weighing Conveyor Motor

**Electronics Kit**
- Weighing Conveyor Motor
- Realtime Controller
- Frequency Converter
- Fuses

**Complete Kit**
- Includes all parts of the Uptime and Electronics kits.
METTLER TOLEDO Service Success Stories
at Kuchenmeister GmbH and Bischofszell Food Limited

«We cannot afford downtime of the production line due to a defective inspection device. That is why we have agreed on a Comprehensive Care contract.»

Thomas Engel
Head of Quality Management, Kuchenmeister

«Ultimately, we want to increase productivity on our 30 production lines but not at the expense of product safety. We wanted our operators to understand why they were testing for metal contamination, the influences on metal detector sensitivity and how to improve operator efficiency.»

Susanne Mädrich
Group Leader Quality Management Process Safety, BINA

Watch the Kuchenmeister case study video here:

Watch the BINA case study video here:

Achieve maximum equipment uptime with METTLER TOLEDO’s service offering:

- **Spare Parts Kits:** Ensure reliable operation by using high-quality genuine spare parts.

- **Maintenance Training:** Learn how to handle simple repairs or fault diagnostics on your own.

- **Care Contracts:** Ensure that your equipment is always operating at peak performance and measurement results meet productivity, quality and regulatory requirements.
Benefit from METTLER TOLEDO Services with Global Reach and Local Excellence:

**Uptime**
- On-site or Remote Support
- Repair Service
- Spare Parts and Kits

**Performance**
- Setup and Configuration
- Preventive Maintenance
- Professional Installation
- Upgrade and Refurbishment

**Compliance**
- Equipment Qualification
- Performance Verification
- Test Samples and Weights

**Expertise**
- User Training
- Consulting and Business Support
- Documentation and Downloads