

# MEASUREMENT & ANALYTICS | PRODUCT GUIDE

# Millmate thickness gauging systems System upgrade MTG Box Gauge PMG200ver4.x to 4.2



Cost-effective upgrades that improve performance and reliability.

# Measurement made easy

Lifecycle management to ensure process continuity

# Product lifecycle and retrofits explained

After years of solid performance from your Millmate thickness gauging system there comes a time when you need to consider its future.

ABB uses a lifecycle model to manage products from cradle to cradle. Products no longer in production move into the classic phase and availability of spare parts and services is guaranteed. Products move into the limited phase and spare parts and services may not all be available.

Upgrade is a cost-effective way of extending product life and accessing modern technology without replacing the complete Millmate thickness gauging system.

### Service offering

Upgrade of Millmate thickness gauging systems:

- MTG Box Gauge
  - PMG200ver4.x to 4.2

Depending on release the upgrade service will be performed on-site or in a ABB certified local service work shop or a combination of both. The upgrade onsite will be performed by a certified Millmate thickness gauging systems service engineer.

# Benefits of an upgrade

### Maximize capital investments Extend product life time.

### Service availability

Keep your Millmate thickness gauging system modern and guarantee access to all spare parts and services.

### Warranty extension

Work performed by ABB provides 12 month warranty for an upgrade.

### Modernize processes

Access state of art technology.



Servic

Technology and platform features/properties	PMG200ver4.0	PMG200ver4.1.0 PMG200ver4.1.1	PMG200ver4.1.2	PMG200ver4.2.1
Alarm time stamp first occurance only	Yes	No	No	No
Alarm time stamp all occurances	No	Yes	Yes	Yes
Alarm and event list	No	Yes	Yes	Yes
Save and export alarms	No	Yes	Yes	Yes
Expanded integration interface with new signals and signal spares	No	Yes	Yes	Yes
Internal gauge head diagnostics for air pressure, voltages and temperature	No	Yes	Yes	Yes
English and German HMI language	Yes	Yes	Yes	Yes
Italian, Spanish, Chinese, Russian and Japanese HMI language	No	Yes	Yes	Yes
High-pass mode function	No	No	No	Optional
Cyber security features	PMG200ver4.0	PMG200ver4.1.0 PMG200ver4.1.1	PMG200ver4.1.2	PMG200ver4.2.1
HMI OS Windows 7	Yes	Yes	Yes	No
HMI OS Windows 10 IoT	No	No	No	Yes
HMI Computer NISE 3600E	Yes	Yes	Yes	No
HMI Computer Boxer 6640	No	No	No	Yes
Internal communication encrypted *	No	No	No	Yes
Gauge head features	PMG200ver4.0	PMG200ver4.1.0 PMG200ver4.1.1	PMG200ver4.1.2	PMG200ver4.2.1
Compensation for fast vertical strip movements, strip slope and strip curvature	No	Yes	Yes	Yes
Gauge head internal temperature max 65 C	Yes	No	No	No
Gauge head internal temperature >70 C	No	Yes	Yes	Yes

\* This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (www.openssl.org).

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

The Millmate thickness gauging system is an intelligent measurement system designed for user-friendly commissioning, operation and service.



For more information visit:

abb.com/measurement

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