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coatmaster Flex Upgrade/
Update 2021

Information for distributors





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Flex Update

Blue excitation source

- Special more powerful light
- Spezial Filter optics, reduces visible light by factor 100 (90%)
- Only a very slight blue flash can be seen, no more white flash
- Reduction of glare from pulse light source on housing
- Optimized illuminant, better energy efficiency
- Improved air filter at top and bottom, more durable
- Air outlet filter in black to reduce glare



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Flex Update

Housing and electronics

- Filter adaptation for fire detection sensors
- New, robust housing material
- Optimized electronics
- Complete use of plug-in connections
- Cable connections reduced
- New battery generation from Bosch professional



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Flex Update

Software update to 4.1

- Software Update Tool
- Extended statistics functions, e.g., number of measurements within specified limits, ...
- Customizable reporting, with individual customer logo, customer adress, ...
- Improved WiFi connection, WPA Enterprise compatible
- Improved algorithm
- Optimised calibrations
- Higher measurement stability
- Extended factory calibration
 - Powder colour
 - Powder white
 - Cured colour
 - Cured white
- Extension of the thickness range
 - 0-20, 0-50, 0-150, 0-300, 0-500, 0-1000
- Adjustable SNR limits



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Flex Update

Extended display information

- Minimum
- Maximum
- Average
- Standard deviation
- Standard deviation %
- Number of measurements
- Number of measurements above limit
- Number of measurements below limit
- Display of the last 12 measurements
- Colored coordinate graphic of the measured values
- Extended information display in the lower display area
- Error display in plain text
- Customizable power up screen
- Customizable menu colors



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Flex Cloud – Update

Flex cloud

- Extended statistics functions, e.g., number of measurements within specified limits, ...
- Applications and blocks editable
- Calibration report is displayed
- Copy applications
- Delete applications
- Transfer of applications to other Flex devices
- Customizable reporting, with individual customer logo, customer adress, ...
- Monitoring in real time of measurements
- More language packs
- Demo version for test at coatmaster.cloud



Flex Web UI - Update

Web UI

- Real-time measurement display with permanent monitoring and updating of measurement data and statistics
- Download as customizable pdf report
- pdf report with customizable user information
 - Address
 - Phone
 - Logo
 - User
 - Order number
- Display of measured value graphic, histogram, individual measured values with date and time stamp
- Editable header and footer
- Activate and deactivate individual display elements in the pdf report
- Manual directly downloadable
- Help function
- Additional filter functions



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Flex general - Update

Further improvements and extensions

- Integration of measured values for control via API
- API for connection to software interfaces for third parties
- Extended WiFi functions
 - WPA2
 - WPA2 Enterprise
- Extended server connection
 - Europe, USA, China, local, individual http://
- Powerful local server



Flex general – Further points

Flex filter set

- Spezial Filter optics, reduced and/or prevent a triggering of the fire alarm sensors
- Different filters available, matched to the flame detectors
- Use mostly only necessary with older fire alarm systems (> 15 years)
- List of compatible sensors is constantly updated
- Available approx. Q2/2021
- Sales price: in preperation

Sales process for all customers

- Offer Flex filter set as option



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Flex UI – Customization

Flex customization for distributors

- User menu can be customized in the color scheme, e.g., based on the company colors
- Stickers for transport cases with own logo or own design according to specification (max. 4 colors)
- Start screen with own logo or according to specification (graphic format must be PNG with a resolution of 480 x 320)



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