

Dencytee Arc (Dencytee RS485) Family

Firmware Dencytee Arc CDOUM005 (2026 July)

New Feature / Improvements	Description	Advantage	Update
Measurement Units	Measurement Units available for selection with TCD Factor correction	Correct unit is given with less effort	Recommended
Offline Correlation Process	Offline correlation points are automatically sorted	Easier process for offline correlation model building	Recommended

Firmware Dencytee Arc CDOUM004 (2024 July)

New Feature / Improvements	Description	Advantage	Update
TCD Factor	Introduction of TCD factor in addition to the existing TCD offset	Adjusting existing TCD output without a new offline correlation	Recommended
Ambient light measurement	Transmission and reflection dark current measurement values are now available over Modbus	Environmental light intensity can be used in photobioreactor applications	Recommended
Monotonicity testing for offline correlation models	Monotonicity will be only tested in the relevant range for transmission or reflection	Easier process for offline correlation model building	Recommended
General Improvements	Negative TCD values are now also available	At low concentration applications mark-zero can be used	Recommended

Firmware Dencytee Arc CDOUM003 (2024 January)

New Feature / Improvements	Description	Advantage	Update
Compatibility with OPC Modbus converter	Transmission and Reflection values are available over OPC	Raw measurement data available for process modeling	Recommended
Improvements for internal trouble shooting	Error and warning messages improved	Easier trouble shooting	Recommended



Note: The firmware CDOUM002 was the first published version.

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