

AP Connect Supported Instruments and Instrument Requirements

The following document lists all supported instruments and their required software versions that can be connected to AP Connect Version 2.1.

NOTICE:

- If you are using AP Connect Pharma Edition, you have to use the latest version of the software for the corresponding instrument.
- To use all features of the current AP Connect version, also the instrument has to use the latest instrument software version.
- For DMA M, DSA M, SDA, Alcolyzer Analyzing Systems: If the instrument software version is <2.90, contact your Anton Paar representative for update support.
- Before updating the Anton Paar instrument, perform a backup of all data and settings, reset to factory settings and perform the update according to the corresponding instrument reference guide. Once the update is completed, restore the backup up on the Anton Paar instrument again.
- The network connection must be enabled for AP Connect on each instrument. You can find this in the “External Interface Settings” on the Anton Paar Instrument.
- If pharma security settings are activated on the instrument, follow the description in the AP Connect Software Manual.

1 Instruments and Modular Measuring Systems

Type	Minimum software version together with APC Standard Edition*	Minimum software version together with APC Pharma Edition	Restrictions**
Abbat Performance Plus (350, 550) Heavy Duty line (450, 650)	5.30	5.30	
Alcolyzer Beer/Wine Analyzing System with DMA M: <ul style="list-style-type: none"> • DMA M • Alcolyzer Beer/Wine/Spirits ME and Alcolyzer ME • Xsample 320/520 optional: <ul style="list-style-type: none"> • pH ME • Option Color 430nm • HazeQC ME 	2.95. Build 323	2.98 Build 425	
Alcolyzer Analyzing System for Spirits and Liqueurs with DMA M: <ul style="list-style-type: none"> • DMA M • MCP 100/150 • Alcolyzer ME / Alcolyzer Spirits ME • pH ME • Xsample 320/520 	2.95. Build 323	2.98 Build 425	
Alcolyzer M	2.97	2.98 Build 425	No Alcolyzer adjustments
Beer/Wine/Spirits Analyzing System with DMA 4101/4501/5001: <ul style="list-style-type: none"> • DMA 4101/4501/5001 • Alcolyzer 3001 Beer/Wine/Spirits and Alcolyzer 3001 • Xsample 320/520 optional: <ul style="list-style-type: none"> • pH 3101 • Option Color 430nm • Haze 3001 	3.0.0	3.0.0	No module adjustments (Alcolyzer3001/CarboQC/pH3201/Haze3001/Color)
Diana 700	2.0.0	Not compatible	

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DMA M Series: DMA 4100/4500/5000 M	2.95. Build 323	2.98 Build 425	All adjustments are transferred except Manual Adjustment Data Input [Density] and Filling Warning Adjustment
DMA 4200 M DMA 4500 M Chemicals	2.98	2.98 Build 425	
DMA 4101/4501/5001	2.0.0	3.0.0	
DSA 5000 M	2.97	2.98 Build 425	All adjustments which are possible with administrator rights are transferred
MCP series (except MCP 100/150)	5.30	5.30	All adjustments are transferred (except Set Zero)
Modulyzer with DMA M <ul style="list-style-type: none"> • DMA M • MCP 100/150 • Abbemat Series • Xsample 530 optional: <ul style="list-style-type: none"> • SRU for Xsample 530 • Lovis ME • HazeQC ME 	2.95 Build 323	2.98 Build 425	
PBA-B and PBA-W with DMA M: <ul style="list-style-type: none"> • DMA M • Alcozyzer Beer/Wine ME and Alcozyzer ME • CarboQC ME optional: <ul style="list-style-type: none"> • pH ME • Option Color 430nm • HazeQC ME • Option O₂ (CarboQC) 	2.95. Build 323	2.98 Build 425	
PBA-S with DMA M <ul style="list-style-type: none"> • DMA M • CarboQC ME optional: <ul style="list-style-type: none"> • pH ME • Option O₂ (CarboQC) • DietQC ME / DietQC ME with option for uncolored drinks 	2.95. Build 323	2.98 Build 425	
PBA-SI with SDA M: <ul style="list-style-type: none"> • SDA M • CarboQC ME optional: <ul style="list-style-type: none"> • pH ME • Option O₂ (CarboQC) • DietQC ME/ DietQC ME with option for uncolored drinksUV 	2.97	2.98 Build 425	All adjustments which are possible with administrator rights are transferred
PBA 5001 Beer/Wine with DMA 4101/4501/5001: <ul style="list-style-type: none"> • DMA 4101/4501/5001 • Alcozyzer 3001 Beer/Wine • CarboQC ME optional: <ul style="list-style-type: none"> • pH 3201 • Option Color 430nm • Haze 3001 • Option O₂ (CarboQC) 	3.0.0	3.0.0	No module adjustments (Alcozyzer3001/CarboQC/pH3201/Haze3001/Color)

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PBA 5001 Softdrink with DMA 4101/4501/5001 • DMA 4101/4501/5001 • CarboQC ME optional: • pH 3201 • Option O ₂ (CarboQC)	3.0.0	3.0.0	No module adjustments (Alcolyzer3001/CarboQC/ pH3201/Haze3001/Color)
PMA 500	2.0.0	Not compatible	
Soft Drink Analyzer M (SDA M)	2.97	2.98 Build 425	All adjustments which are possible with administrator rights are transferred
SVM X001 series	SVM 2001/3001: 2.96 SVM 4001/ 3001 Cold Properties: 2.97 build 39	2.98 Build 425	No calibrations or adjustments are transferred, except the atmospheric pressure sensor adjustment (DCB)
ViscoQC 300	1.60	1.60	

* Not all functions of AP Connect are supported, if the instrument does not use the latest software version

** Further restrictions might be documented in the AP Connect Release Notes

2 Sample Changer and Additional Modules

Type	Minimum software version together with APC Standard Edition*	Minimum software version together with APC Pharma Edition	Restrictions**
Alcolyzer Beer ME	DMA 2.95 Build 323	2.98	
CarboQC ME	DMA 2.95 Build 323	2.98	
HazeQC ME	DMA 2.95 Build 323	2.98	
pH ME	DMA 2.95 Build 323	2.98	
DietQC ME	DMA 2.95 Build 323	2.98	
Lovis ME	DMA 2.95 Build 323	2.98	
Alcolyzer 3001 Beer/Wine/Sake/Spirits	Master 3.0.0	Master 3.0.0	No module adjustments
Haze 3001	Master 3.0.0	Master 3.0.0	No module adjustments
pH 3101/3201	Master 3.0.0	Master 3.0.0	No module adjustments
Xsample 320, 330, 340, 530, 520, 610, 630			
PMU, MPT, SRU with Xsample 530			

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** Further restrictions might be documented in the AP Connect Release Notes

3 Connectable Non-AP Instruments

With an additional license defined non Anton-Paar instruments can be connected to AP Connect Standard and Pharma Edition:

License	Description
Mettler Balance MT SICS	Mettler Toledo balances working with MT-SICS protocol, if they are connected via RS 232 or USB