

Technical Data Sheet

n. 03 [April 2021]

Automatic Dispensers COROB EVOPLUS [XS]



BASE DISPENSER FEATURES

Dispensing technology	Bellow pump (Bellow and BPG)
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	External
Canister configuration*	up to 18, expandable up to 32 with additional modules
Canister sizes [l] (q-G)	1,5 (1.58 q) / 2,5 (2.64 q) / 5 (1.32 G)
Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
Pump type	Bellow STD size
Circuit flow rate [l/min]**	STD 0,25 - HF 0,4
Minimum dispensed quantity [fl.oz.] (cc)**	STD 1/768 (0,039) - HF 1/384 (0,077) - [w/ INV] STD 1/1536 (0,019) - HF 1/576 (0,051)
Accuracy**	± 1%
Valve type	COROB 3-way electric valve (with re-circulation) / Integrated Nozzle Valve (INV) [optional]
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-18c] / according to water-solvent partition
Nozzle closure system	Automatic cap
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual

DISPENSER VERSIONS

Panels	Plastic and Sheet Metal
External modules add-ons	Additional modules
Available versions	[M] - [L]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	80 (3.1) - 60 (2.4) [w/ sample pot raiser]
Maximum can height [mm] (in)	500 (19.7)
Minimum can diameter [mm] (in)	70 (2.8)
Maximum can diameter [mm] (in)	415 (16.3)
Minimum hole diameter [mm] (in)	43 (1.69) [up to 16c] - 54 (2.13) [17-24c] - 60 (2.36) [25-32c]

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100 - 240 ±10%
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	From 150 to 600 based on the configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE

DISPENSER DIMENSIONS

Length [mm] (in)	1031 (40.6) [center frame+2 modules]
Depth [mm] (in)	938 (36.9) w/ shelf - 865 (34) w/o shelf
Height [mm] (in)	1148 (45.2)
Add-on module length [mm] (in)	176 (6.9)
Footprint [m ²] (ft ²)	0,96 (10.4) w/ shelf - 0,89 (9.6) w/o shelf [center frame+2 modules]
Machine Weight [kg] (lbs)	185 (408)
Machine + packaging Weight [kg] (lbs)	230 (507)

EQUIPMENT FEATURES

Monitor/keyboard/mouse support, Touch screen support	Optional
Led strip indicator	Optional
Automatic or Semi-Automatic shelf	Optional
Semi-Automatic shelf + puncher	Optional
Shelf fixed raiser for Sample Pot [can height 60 mm]	Optional
Integrated Nozzle Valve [INV] with cleaning system	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Internal Heater	Optional
Corob Connect	Optional

* The bigger size canisters reduce the maximum canister number possible.

** Values highly affected by the nature of the colorants and their rheological properties.

*** IMPORTANT: most machine and paint can dimensions refer to the basic machine model.

Options and alternative devices can change these values. Please check with your local sales representative or contact one of COROB's offices. **Take note: data refers to base configuration machine, figures may vary according to different specifications.**

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Technical Data Sheet

n. 03 [April 2021]

Automatic Dispensers COROB EVOPLUS [M]



BASE DISPENSER FEATURES

Dispensing technology	Bellow pump (Bellow and BPG)
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	Internal
Canister configuration*	up to 26
Canister sizes [l] (q-G)	1,5 (1.58 q) / 2,5 (2.64 q) / 5 (1.32 G)
Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
Pump type	Bellow STD size
Circuit flow rate [l/min]**	STD 0,25 - HF 0,4
Minimum dispensed quantity [fl.oz.] (cc)**	STD 1/768 (0,039) - HF 1/384 (0,077) - [w/ INV] STD 1/1536 (0,019) - HF 1/576 (0,051)
Accuracy**	± 1%
Valve type	COROB 3-way electric valve (with re-circulation) / Integrated Nozzle Valve (INV) [optional]
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c] - 45 (1.8) [21-26c] / according to water-solvent partition
Nozzle closure system	Automatic cap
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual

DISPENSER VERSIONS

Panels	Plastic and Sheet Metal
External modules add-ons	--
Available versions	[XS] - [L]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	80 (3.1) - 60 (2.4) [w/ sample pot raiser]
Maximum can height [mm] (in)	500 (19.7)
Minimum can diameter [mm] (in)	70 (2.8)
Maximum can diameter [mm] (in)	415 (16.3)
Minimum hole diameter [mm] (in)	43 (1.69) [up to 16c] - 54 (2.13) [17-24c] - 60 (2.36) [25-26c]

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100 - 240 ±10%
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	From 150 to 600 based on the configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE

DISPENSER DIMENSIONS

Length [mm] (in)	1031 (40.6)
Depth [mm] (in)	938 (36.9) w/ shelf - 883 (34.8) w/o shelf
Height [mm] (in)	1148 (45.2)
Add-on module length [mm] (in)	--
Footprint [m ²] (ft ²)	0,96 (10.4) w/ shelf - 0,89 (9.6) w/o shelf
Machine Weight [kg] (lbs)	224 (494)
Machine + packaging Weight [kg] (lbs)	269 (593)

EQUIPMENT FEATURES

Monitor/keyboard/mouse support, Touch screen support	Optional
Led strip indicator	Optional
Automatic or Semi-Automatic shelf	Optional
Semi-Automatic shelf + puncher	Optional
Shelf fixed raiser for Sample Pot [can height 60 mm]	Optional
Integrated Nozzle Valve [INV] with cleaning system	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Internal Heater	Optional
Corob Connect	Optional

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Technical Data Sheet

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Automatic Dispensers COROB EVOPLUS [L]



BASE DISPENSER FEATURES

Dispensing technology	Bellow pump (Bellow and BPG)
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	Internal
Canister configuration*	up to 32
Canister sizes [l] (q-G)	1,5 (1.58 q) / 2,5 (2.64 q) / 5 (1.32 G)
Canister material	POM (Acetalic resin)
Canister stirring	Pre-set [variable timing function available]
Pump type	Bellow STD size
Circuit flow rate [l/min]**	STD 0,25 - HF 0,4
Minimum dispensed quantity [fl.oz.] (cc)**	STD 1/768 (0,039) - HF 1/384 (0,077) - [w/ INV] STD 1/1536 (0,019) - HF 1/576 (0,051)
Accuracy**	± 1%
Valve type	COROB 3-way electric valve (with re-circulation) / Integrated Nozzle Valve (INV) [optional]
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c] - 45 (1.8) [21-32c] / according to water-solvent partition
Nozzle closure system	Automatic cap
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual

DISPENSER VERSIONS

Panels	Plastic and Sheet Metal
External modules add-ons	--
Available versions	[XS] - [M]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	80 (3.1) - 60 (2.4) [w/ sample pot raiser]
Maximum can height [mm] (in)	500 (19.7)
Minimum can diameter [mm] (in)	70 (2.8)
Maximum can diameter [mm] (in)	415 (16.3)
Minimum hole diameter [mm] (in)	43 (1.69) [up to 16c] - 54 (2.13) [17-24c] - 60 (2.36) [25-32c]

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100 - 240 ±10%
Frequency [Hz]	50/60
Fuses [A]	F 10 A
Maximum power absorption [W]	From 150 to 600 based on the configuration
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Certification	CE

DISPENSER DIMENSIONS

Length [mm] (in)	1257 (49.5)
Depth [mm] (in)	938 (36.9) w/ shelf - 883 (34.8) w/o shelf
Height [mm] (in)	1148 (45.2)
Add-on module length [mm] (in)	--
Footprint [m ²] (ft ²)	1,17 (12.7) w/ shelf - 1,11 (12) w/o shelf
Machine Weight [kg] (lbs)	230 (507)
Machine + packaging Weight [kg] (lbs)	275 (606)

EQUIPMENT FEATURES

Monitor/keyboard/mouse support, Touch screen support	Optional
Led strip indicator	Optional
Automatic or Semi-Automatic shelf	Optional
Semi-Automatic shelf + puncher	Optional
Shelf fixed raiser for Sample Pot [can height 60 mm]	Optional
Integrated Nozzle Valve [INV] with cleaning system	Optional
No-Dry-Nozzle Humidifier and Laser BHL	Optional
Internal Heater	Optional
Corob Connect	Optional

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