

Technical Data Sheet

n. 02 [May 2021]

Automatic Dispensers COROB D410x [S] 5G



BASE DISPENSER FEATURES

Dispensing technology	Bellow pump
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	Internal
Canister configuration*	Up to 20
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	STD Bellows
Circuit flow rate [l/min]**	0,25 [Single pump] - 0,5 [Double pump]
Minimum dispensed quantity [fl.oz.] (cc)**	1/576 (0,051)
Accuracy**	± 1%
Valve type	Membrane valve: Viton (water) - FFKM (universal/solvent)
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c]
Nozzle closure system	Automatic cap (SA)
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual "slide" (MSM)

DISPENSER VERSIONS

Panels	Sheet Metal
External modules add-ons	No
Available versions	[M] - [L]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	60 (2.4) [w/ Man.shelf] - 100 (3.9) [w/ Aut./Semi-aut.shelf or w/ Puncher]
Maximum can height [mm] (in)	550 (21.7) [w/ Man.shelf] - 430 (16.9) [w/ Aut./Semi-aut.shelf] - 400 (15.8) [w/ Puncher]
Minimum can diameter [mm] (in)	110 (4.3)
Maximum can diameter [mm] (in)	350 (13.8)
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-20c]

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)	950 (37.4)
Depth [mm] (in)	720 (28.4)
Height [mm] (in)	1380 (54.3)
Footprint [m ²] (ft ²)	0,69 (7.43)
Machine Weight [kg] (lbs)	180 (397)
Machine + packaging Weight [kg] (lbs)	240 (529)

EQUIPMENT FEATURES

Central LCD support and keyboard holder****	Standard
Semi-Automatic shelf (ESS)	Optional
Automatic shelf (ESA)	Optional
Semi-Automatic shelf (ESA) + puncher (P)	Optional
"No-Dry-Nozzle" Humidifier system (Water or/and Solvent)	Optional
Laser BHL	Optional
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.

**** Maximum screen size: 19"

Take note: data refers to base configuration machine, figures may vary according to different specifications.

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BASE DISPENSER FEATURES

Dispensing technology	Bellow pump
Dispensing flow	On-Demand Simultaneous (default) / Simultaneous
Dispensing displacement	Internal
Canister configuration*	Up to 24
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	STD Bellows
Circuit flow rate [l/min]**	0,25 [Single pump] - 0,5 [Double pump]
Minimum dispensed quantity [fl.oz.] (cc)**	1/576 (0,051)
Accuracy**	± 1%
Valve type	Membrane valve: Viton (water) - FFKM (universal/solvent)
Nozzle flow diameter [mm] (in)	28 (1.1) [up to 16c] - 39 (1.5) [17-20c] - 45 (1.8) [21-24c] / according to water-solvent partition
Nozzle closure system	Automatic cap (SA)
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual "slide" (MSM)

DISPENSER VERSIONS

Panels	Sheet Metal
External modules add-ons	No
Available versions	[S] - [L]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	60 (2.4) [w/ Man.shelf] - 100 (3.9) [w/ Aut./Semi-aut.shelf or w/ Puncher]
Maximum can height [mm] (in)	550 (21.7) [w/ Man.shelf] - 430 (16.9) [w/ Aut./Semi-aut.shelf] - 400 (15.8) [w/ Puncher]
Minimum can diameter [mm] (in)	110 (4.3)
Maximum can diameter [mm] (in)	350 (13.8)
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-24c]

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)	950 (37.4)
Depth [mm] (in)	880 (34.7)
Height [mm] (in)	1380 (54.3)
Footprint [m ²] (ft ²)	0,84 (9.04)
Machine Weight [kg] (lbs)	266 (586)
Machine + packaging Weight [kg] (lbs)	326 (719)

EQUIPMENT FEATURES

Central LCD support and keyboard holder****	Standard
Semi-Automatic shelf (ESS)	Optional
Automatic shelf (ESA)	Optional
Semi-Automatic shelf (ESA) + puncher (P)	Optional
"No-Dry-Nozzle" Humidifier system (Water or/and Solvent)	Optional
Laser BHL	Optional
Heater	Optional
Corob Connect	Optional

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

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BASE DISPENSER FEATURES

Dispensing technology	Bellow pump
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	STD Bellows
Circuit flow rate [l/min]**	0,25 [Single pump] - 0,5 [Double pump]
Minimum dispensed quantity [fl.oz.] (cc)**	1/576 (0,051)
Accuracy**	± 1%
Valve type	Membrane valve: Viton (water) - FFKM (universal/solvent)
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 (SA)
Electronic generation/type	5G
Colorant base compatibility	Decorative and Industrial: Water [w], Universal and Solvent [s]
Shelf type	Manual "slide" (MSM)

DISPENSER VERSIONS

Panels	Sheet Metal
External modules add-ons	No
Available versions	[S] - [M]

CAN HANDLING FEATURES***

Minimum can height [mm] (in)	60 (2.4) [w/ Man.shelf] - 100 (3.9) [w/ Aut./Semi-aut.shelf or w/ Puncher]
Maximum can height [mm] (in)	550 (21.7) [w/ Man.shelf] - 430 (16.9) [w/ Aut./Semi-aut.shelf] - 400 (15.8) [w/ Puncher]
Minimum can diameter [mm] (in)	110 (4.3)
Maximum can diameter [mm] (in)	350 (13.8)
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-24c] - 60 (2.4) [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)	1250 (49.2)
Depth [mm] (in)	880 (34.7)
Height [mm] (in)	1380 (54.3)
Footprint [m ²] (ft ²)	1,1 (11.84)
Machine Weight [kg] (lbs)	281 (619)
Machine + packaging Weight [kg] (lbs)	342 (754)

EQUIPMENT FEATURES

Central LCD support and keyboard holder****	Standard
Semi-Automatic shelf (ESS)	Optional
Automatic shelf (ESA)	Optional
Semi-Automatic shelf (ESA) + puncher (P)	Optional
"No-Dry-Nozzle" Humidifier system (Water or/and Solvent)	Optional
Laser BHL	Optional
Heater	Optional
Corob Connect	Optional

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

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