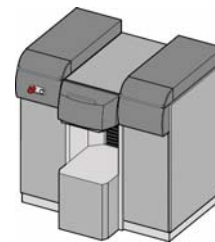


# Technical Data Sheet

n. 19 [May 2015]

Automatic Dispensers  
**COROB™ D600 IH**  
[VL - Metal sheet]  
[VP - ABS Plastic]



## BASE DISPENSER FEATURES

Dispensing technology	Gear pump
Dispensing flow	Simultaneous
Dispensing displacement	Internal
Canister configurations	Up to 24
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) / 20 (5.3 G) [according to modules]
Canister material	POM (Acetetic resin) / Stainless steel for 20 l
Canister stirring	Pre-set [variable timing function available]
Circuit flow rate [l/min]*	0,5 [STD] - 1,0 [HF] - 0,16 [LAB]
Minimum dispensed quantity [fl.oz.] (cc)*	1/384 (0,077) [STD] - 1/192 (0,154) [HF] - 1/1152 (0,026) [LAB]
Accuracy*	± 1%
Valve type	COROB 3-way electric valve (with re-circulation)
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
Pump type	CRXs (option DR full stainless steel)
Pump per canister	Single
Electronic generation/type	Trigen
Colorant base compatibility	Decorative and Industrial: Water, Universal and Solvent
Shelf type	Automatic

## DISPENSER VERSIONS

Panels	Sheet Metal [VL] / ABS Plastic and Sheet metal [VP]
External modules add-ons	Small and large modules
Other available versions	EH (External Head)

## CAN HANDLING FEATURES

Minimum can height [mm] (in)	61,5 (2.4) - 130 (5.1) [w/ Puncher]
Maximum can height [mm] (in)	405 (15.9) - 345 (13.6) [w/ Puncher]
Minimum can diameter [mm] (in)	60 (2.4) - 100 (3.9) [w/ Puncher]
Maximum can diameter [mm] (in)	340 (13.4) - 320 (12.6) [w/ Puncher]
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-20c] - 60 (2.4) [21-24c]

## POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100-110 ±10% / 220-240 ±10%
Frequency [Hz]	50/60
Fuses	F 10 A
Maximum power absorption [W]	650
Working temperature [Celsius]	From 10° to 40°
Relative humidity	From 5% to 85% (without condensation)
Certification	CE

## DISPENSER DIMENSIONS

Length [mm] (in)	1070 (42.1) [center frame+2 modules] - Extra add-on modules: 330 (13) small / 410 (16.1) large
Depth [mm] (in)	876 (34.5) [VL] / 898 (35.4) [VP]
Height [mm] (in)	1190 (46.9)
Footprint [m <sup>2</sup> ] (ft <sup>2</sup> )	0,96 (10.3)
Machine Weight [kg] (lbs)	290 (639) [16c] - 350 (772) [24c]
Machine + packaging Weight [kg] (lbs)	330 (728) [16c] - 400 (882) [24c]

## EQUIPMENT FEATURES

Automatic shelf	Standard
Semi-Automatic puncher	Optional
"No-Dry-Nozzle" Humidifier system (Water or/and Solvent)	Optional
LAB pump [0,2 l/min] - HF pump [1,0 l/min]	Optional
DR stainless steel body pump (for STD, LAB and HF)	Optional
Foldable conveyor (rolls or stainless steel)	Optional
Laser BHL	Optional
Colour personalization (RAL, on selected areas)	Optional

\* Values highly affected by the nature of the colorants and their rheological properties.  
Take note: data refers to base configuration machine, figures may vary according to different specifications.

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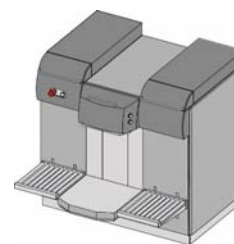
n. 19 [May 2015]

Automatic Dispensers

## COROB™ D600 EH

[VL - Metal sheet]

[VP - ABS Plastic]



### BASE DISPENSER FEATURES

Dispensing technology	Gear pump
Dispensing flow	Simultaneous
Dispensing displacement	External
Canister configurations	Up to 24
Canister sizes [l] (q-G)	3 (3 q) / 4 (4 q) / 6 (6 q) / 9 (9.5 q) / 15 (4 G) / 20 (5.3 G) [according to modules]
Canister material	POM (Acetetic resin) / Stainless steel for 20 l
Canister stirring	Pre-set [variable timing function available]
Circuit flow rate [l/min]*	0,5 [STD] - 1,0 [HF] - 0,16 [LAB]
Minimum dispensed quantity [fl.oz.] (cc)*	1/384 (0,077) [STD] - 1/192 (0,154) [HF] - 1/1152 (0,026) [LAB]
Accuracy*	± 1%
Valve type	COROB 3-way electric valve (with re-circulation)
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
Pump type	CRXs (option DR full stainless steel)
Pump per canister	Single
Electronic generation/type	Trigen
Colorant base compatibility	Decorative and Industrial: Water, Universal and Solvent
Shelf type	Semi-Automatic

### DISPENSER VERSIONS

Panels	Sheet Metal [VL] / ABS Plastic and Sheet metal [VP]
External modules add-ons	Small and large modules
Other available versions	IH (Internal Head)

### CAN HANDLING FEATURES

Minimum can height [mm] (in)	70 (2.8) - 130 (5.1) [w/ Puncher]
Maximum can height [mm] (in)	505 (19.9) - 450 (17.7) [w/ Puncher]
Minimum can diameter [mm] (in)	60 (2.4) - 100 (3.9) [w/ Puncher]
Maximum can diameter [mm] (in)	235 (9.3) [w/ hole in the center] - 360 (14.2) [w/ hole not in the center]
Minimum hole diameter [mm] (in)	43 (1.7) [up to 16c] - 54 (2.1) [17-20c] - 60 (2.4) [21-24c]

### POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	Single phase 100-110 ±10% / 220-240 ±10%
Frequency [Hz]	50/60
Fuses	F 10 A
Maximum power absorption [W]	650
Working temperature [Celsius]	From 10° to 40°
Relative humidity	From 5% to 85% (without condensation)
Certification	CE/UL

### DISPENSER DIMENSIONS

Length [mm] (in)	1070 (42.1) [center frame+2 modules] - Extra add-on modules: 330 (13) small / 410 (16.1) large
Depth [mm] (in)	876 (34.5) [VL w/o shelf] / 898 (35.4) [VP w/o shelf] / 1108 (43.6) [VL-VP w/ shelf]
Height [mm] (in)	1190 (46.9)
Footprint [m <sup>2</sup> ] (ft <sup>2</sup> )	0,96 (10.3) [w/o shelf] / 1,19 (12.8) [w/ shelf]
Machine Weight [kg] (lbs)	290 (639) [16c] - 350 (772) [24c]
Machine + packaging Weight [kg] (lbs)	330 (728) [16c] - 400 (882) [24c]

### EQUIPMENT FEATURES

Automatic shelf	Optional
Semi-Automatic puncher	Optional
"No-Dry-Nozzle" Humidifier system (Water or/and Solvent)	Optional
LAB pump [0,2 l/min] - HF pump [1,0 l/min]	Optional
DR stainless steel body pump (for STD, LAB and HF)	Optional
Foldable conveyor (rolls or stainless steel)	Optional
Laser BHL	Optional
Colour personalization (RAL, on selected areas)	Optional

\* Values highly affected by the nature of the colorants and their rheological properties.  
Take note: data refers to base configuration machine, figures may vary according to different specifications.

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