



**COROB™**  
color engineering

## COROB™ FIRST 70

The automatic dispenser with a rugged look and reliable heart

**DISPENSERS**

# COROB™ FIRST 70

The automatic dispenser with a rugged look and reliable heart  
Bellow pump technology

The driving factor for developing COROB™ FIRST 70 was to create a strong and resistant dispenser, while building on the highly reliable reputation of the bellow pumping group.

- Sequential or simultaneous dispensing available.
- Low maintenance matched to a sturdy metal frame.
- Compact frame size to optimize retail space.
- Suitable for water-based, universal and solvent-based colorants.
- Ergonomically designed for quick and easy operations.

## RUGGED AND SPACE EFFECTIVE DESIGN

What makes the COROB™ FIRST 70 immediately stand out is its exterior professional look, combined to being extremely strong and at the same time, adaptable for the many retail environments that can be found in the paint industry.

The COROB™ FIRST 70 is available in two frame sizes, one that can host up to 12 colorants with clear benefits on the required footprint, while the bigger frame is designed for a colorant set of up to 16.



## OPERATING AT ITS BEST

This dispenser represents an ideal machine solution for stores where low to medium paint volumes are tinted.

The COROB™ FIRST 70 is suitable for universal, water and solvent-based colorants, and up to 16 colorants can be accommodated. Special heat treated lids for the canisters are available when solvent based colorants need to be dispensed.

Volumetric dispensing is provided, based on COROB's patented bellow pump technology, with automatic programmable stirring of colorants.

Low or no VOC colorants are handled in an optimal way, as the capping system of the nozzles closes tightly and seals from the surrounding air, eliminating the risk of frequent drying.

## PERFORMANCE

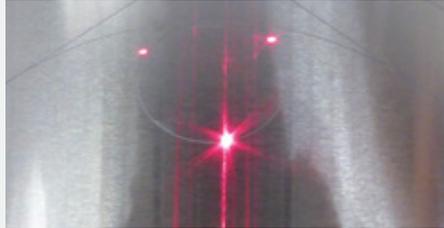
The COROB™ FIRST 70 comes in two main versions: a sequential 'cost conscious' type, or, on the other hand a 'performance' oriented simultaneous unit. The simultaneous unit is based on 4G control management technology.

## SERVICE FRIENDLY

All the electronic components are placed in the front part of the machine, accessible through the lower opening panel, while the bigger front panel reveals the nozzle, piping and valve area with the removal of very few screws.



The rotating cap works to keep the nozzle area from being in contact with air, providing the necessary protection from drying.



The BHL laser device helps placing the paint can hole in the correct position for the colorant dispense.



The stirring function is set to properly maintain the colorant's nature at its best, increasing the machines durability and operativity.



The optional set of PC, monitor, keyboard, printer and mouse supports assure that items are properly placed for an organized working area.



#### PERFORMANCE

A cost conscious sequential unit [0,2 liter/min – 6.7 fl.oz./min] or more performing simultaneous dispense machine [0,8 liter/min - 28 fl.oz./min] are available to choose among.



#### IDEAL OWNERSHIP COSTS

The everlasting bellow pump is free from wear and tear due to the lack of mechanical stress between the pump and colorant.



#### LOW-NO VOC COLORANT HANDLING

The nozzle capping system is designed to provide air tight closure, while the short pipes in the machine are perfect for reducing colorant sedimentation.



#### MAINTENANCE OVER TIME

Opening the front panels gives an immediate access to the electronic controls, valves, nozzle and capping area, taking very little time to do service operations.

## OPTIONS

Laser BHL, monitor-keyboard and PC supports, additional printer and mouse supports, heat treated canisters lids.

## QUICK GUIDE

BUSINESS ENVIRONMENT	DISPENSER	VOLUME OUTPUT	LAYOUT	CANISTERS	DISPENSE SYSTEM	COLORANT COMPATIBILITY	FOOTPRINT
<ul style="list-style-type: none"> <li>■ Professional paint stores</li> <li>■ DIY</li> </ul>	Automatic	<ul style="list-style-type: none"> <li>■ Low</li> <li>■ Medium</li> </ul>	Static	Up to 16	<ul style="list-style-type: none"> <li>■ Sequential [3G]</li> <li>■ Simultaneous [4G]</li> </ul>	<ul style="list-style-type: none"> <li>■ Water</li> <li>■ Universal</li> <li>■ Solvent</li> </ul>	<ul style="list-style-type: none"> <li>■ 0,49 m<sup>2</sup> [5.3 ft<sup>2</sup>] [S]</li> <li>■ 0,62 m<sup>2</sup> [6.7 ft<sup>2</sup>] [M]</li> </ul>

## FIRST 70

	[S]	[M]
<b>Base dispenser features</b>		
Dispensing technology	Bellow pump	
Dispensing flow	Sequential or Simultaneous	
Canister configurations	Up to 12	Up to 16
Canister sizes [l] (q)	2,5 (2.64 q)	
Canister material	POM (Acetalic resin)	
Circuit flow rate [l/min]*	0,2	
Minimum dispensed quantity [fl.oz.] (cc)*	1/384 (0,077)	
Valve type	Membrane valve: BLUE Viton (water) - BLACK FFKM (universal/solvent)	
Nozzle closure system	Sliding cap	
Pump type	STD Bellows	
Electronic generation/type	3G Seq - 4G Sim	
Colorant base compatibility	Decorative and Industrial: Water, Universal and Solvent	
Shelf type	Manual	
<b>Can handling features</b>		
Minimum can height [mm] (in)	115 (4.5) with can riser	
Maximum can height [mm] (in)	400 (15.7)	
Minimum can diameter [mm] (in)	46 (1.8)	
Maximum can diameter [mm] (in)	320 (12.6) - 270 (10.6) in case of hole at center	
Minimum hole diameter [mm] (in)	46 (1.8)	
<b>Power supply / Machine environment</b>		
Power supply [V] -- Frequency [Hz] -- Fuses	Single phase 100 - 240 $\pm$ 10% -- 50/60 -- F 10A	
Maximum power absorption [W]	90 (Sequential) - 180/250 (Simultaneous)	
<b>Dispenser dimensions</b>		
Length [mm] (in)	700 (27.6)	
Depth [mm] (in)	700 (27.6)	880 (34.6)
Height [mm] (in)	1420 (55.9)	
Footprint [m <sup>2</sup> ] (ft <sup>2</sup> )	0,49 (5.3)	0,62 (6.7)
Machine Weight [kg] (lbs)	110 (243)	148 (326)
<b>Certification</b>	CE/UL	

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



## ABOUT COROB

Headquartered in San Felice sul Panaro, Italy, COROB is one of the world's leading supplier of advanced tinting equipment for the global paints and coatings industry. COROB offers a complete range of point-of-sales equipment from entry-level to high-performance dispensers, as well as mixers and shakers. In addition, COROB supplies complete In-Plant tinting systems and advanced self-service vending solutions. COROB offering is supported globally by a highly recognized Service Partner network.

For further information, please visit:  
[www.corob.com](http://www.corob.com)



## SERVICE NETWORK

The global Service and Partner network is a true asset to our customers, making the deployment and servicing of COROB™ equipment a true hassle free activity. Professional and extensively trained Customer Service Representatives deliver technical support, installations and on-site operator training. Extended warranty and preventive maintenance programs are offered to extend the life cycle of your equipment and optimize performances.