

# T500

## Mid-high productivity for demanding no purge tinting



The T500 in the COROB Turntable Dispenser Series delivers mid-high productivity, combining speed, capacity, and smooth operation for busy professional environments. It offers high throughput while maintaining ergonomics, reliability, and the signature no purge dispensing of the T-family.

Accommodating up to 32 canisters (1.5 L to 10 L), this system scales to your colorant portfolio, assigning capacity where demand is highest to reduce refill frequency without layout constraints.

A consistent 1 L/min flow rate sustains throughput across continuous cycles. From ergonomic semi-automatic to fully automated shelf options, our positioning systems detect can presence and verify size—eliminating mismatched loading and physical strain while freeing operators for higher-value tasks like color consultancy. Deep shelf configurations enable seamless conveyor integration with no structural modifications.

The patented AirClear system eliminates trapped air after installation and refills, enabling one-day commissioning and sustained accuracy. An expanded cleaning brush tray further reduces maintenance frequency compared to other T-family models.

Three core technologies protect colorant integrity: the NoPurge Piston Pump (NPP) eliminates daily purging; Dynamic Speed Control (DSC) detects viscosity changes to adjust dispensing speed in real time; and formula recovery preserves the full recipe through any interruption, resuming from the exact stoppage point with zero waste. The patented stirring system—featuring variable-section paddle geometry with blade action at the walls and shaft—eliminates dead zones and sedimentation.

All circuit components are front-accessible and removable with just two screws. The pumping group lifts out independently for rapid service. EVOservice supports remote diagnostics and off-site updates, while optional TOUCHcontrol adds real-time feedback, predictive maintenance, and cloud-ready synchronization.



### **CAPACITY & FLEXIBILITY**

Handles up to 32 canisters and up to 10 L capacity, letting you customize for your business without layout restrictions



### **HIGH THROUGHPUT**

Delivers a 1 L/min flow rate for faster tinting, choose semi or fully automated shelves to reduce manual work and boost efficiency



### **FAST SETUP, LONGER UPTIME**

AirClear accelerates installation and stabilizes colorant after refilling. The large cleaning tray reduces maintenance frequency and improves consistency



### **SUSTAINABLE EFFICIENCY**

NoPurge pumps, DSC technology, and formula recovery minimize waste and maintain batch quality, supporting cost and sustainability goals

#### **ABOUT US**

COROB, a GRACO company, is a global leader with a long and successful history in developing, manufacturing and delivering high-tech dispensing and mixing solutions for the widest range of tinting applications. Our offering is supported by a global service network making COROB a total solution provider.

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## Technical data

<b>Business environment</b>	Paint stores, DIYs and professional paint stores
<b>Volume output</b>	Medium / High
<b>Dispensing technology</b>	NoPurge Piston pump (NPP)
<b>Dispensing flow</b>	Sequential tuntable (bidirectional)
<b>Circuit flow rate [l/min]*</b>	1
<b>Minimum dispensed quantity [fl.oz.] (cc)*</b>	1/576 (0.051)
<b>Valve type</b>	Sphere valve
<b>Canister configurations</b>	Up to 32
<b>Canister sizes [l] (q-G)</b>	1.5 (1.58) / 2.3 (2.4) / 4.3 (4.5) / 6 (6) / 10 (2.6 G)
<b>Colorant compatibility</b>	Water, Universal, Solvent
<b>Dimensions HxLxD [mm] (in)</b>	1447 x 880 x 990 (56.9 x 34.6 x 39)
<b>Footprint [sqm] (sq ft)</b>	0.87 (9.38)

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