

N50



The most flexible
solvent-based
dispensing
solution for
hazardous areas

Highlights

- +PERFORMANCE**
High output combined with high accuracy dispensing.
- JUST-IN-TIME PRODUCTION**
Just-in-time manufacturing.
- RELIABLE**
Consistent and repeatable batch manufacturing.
- FLEXIBLE**
Integrations of color formulation and production scheduling.

NOVAFLOW
PART OF **corob**

The N50 dispenser family includes high-accuracy, automated weight-based dispensing systems for hazardous environments; the dispensers are electrically grounded and designed to work in a wide variety of hazardous environments including FM Class 1, Division 1, ATEX Zone 1/21 and IECx.

Drawing material from pails, drums, bulk totes, or fixed tanks, the systems can accurately dispense up to 28 components (for a standard configuration) into a wide variety of batch sizes: pails, drums and/or movable vats.

The system can be designed with multiple scales ensuring the highest precision possible regardless of batch size.

The N50 dispensers use the SelectFlow two-stage stainless steel valves and/or the MultiFlow three-stage stainless steel valves.

With a multi-valve system, operators can use a smaller valve for ultra-fine dispensing amounts. Both valves optimize dispense speed and dispense accuracy, offering unparalleled accuracy batch after batch.

ABOUT COROB.

COROB is a global technology leader in developing and manufacturing high-tech dispensing and mixing solutions for different applications including paints and coatings, inks and chemicals.

WE ARE WHERE YOU ARE. Our offering is supported by a global service network making COROB a total solution provider.

corob

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Technical data

Working environment	Hazardous
Application	Solvent based products
Number of valves	Up to 28
Type of circuits	Pails and/or drums and/or IBCs
Typical batch size	From 20 l to 200 l (from 5 USG to 55 USG)
Performance	3-5 min per 20 l (5 USG) batch
System resolution*	Starting from ± 0.2 g
Pump size	DN12 - 1/2" and larger
Valve type	Two-stage, SelectFlow valve (Standard) Three-stage, MultiFlow valve (Optional)
Valve cleaner	Included (semi-auto)
Scale	6 kg - 600 kg (12 lb - 1200 lb)
Cabinet	IP55 / NEMA 4x air purged cabinet
Software	EMMS + X2
Items included	Dell PC
Remote support**	Available

* Values highly affected by the nature of the products and their rheological properties. Values dependant on valve size and scale type combination.

** It requires an active data connection.

Note: data refers to machine base configuration, values may vary according to different specifications.