



## The most flexible solvent-based dispensing solution for hazardous areas



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.



### HIGH PERFORMANCE

High output combined with high accuracy dispensing



### JUST-IN-TIME PRODUCTION

You can prepare your products on demand



### RELIABLE

Consistent and repeatable batch manufacturing



### HIGH FLEXIBILITY

Integrations of color formulation and production scheduling

**NOVAFLOW**  
PART OF **corob**

#### ABOUT US

COROB 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.

**corob**



## Technical data

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