

Dispensing Stations

- Dispensing Stations PDS

Dispensing Stations

PDS

The PDS Dispensing Stations are used for precise, recipe-based liquid materials dispensing, particularly for paint products tinting.

OPERATION:

Coloring pastes are stored in storage tanks with built-in mixers equipped with membrane pumps which:

- refill the storage tank with coloring paste when necessary,
- transfer paste to the dosing station,
- provide circulation in a closed circuit.

Recipe components are batched into the container located on the platform scale. Dispensing is performed in three modes: coarse/fine/dripping. The operator selects a code from the database which corresponds to the given recipe. After the code is selected, the system dispenses the appropriate volume of coloring pastes according to the recipe. The manufacturer may, in this way, meet precise customer orders in terms of volume and color.

APPLICATION:

The PDS Dispensing Stations can be used for:

- tinting paint products,
- precise liquid products batching,
- producing liquid materials mixtures.



A fully computerized operation enables precise and repeatable color making.

profarb

TECHNICAL SPECIFICATIONS:

model	maximum quantity of components	standard scales (kg)	moveable valves	L x W x H (mm)	total weight (kg)
PDS-18	18	1500/3000	-	1510x1210x1750	490
PDS-36	36	1500/3000	-	1900x1340x2100	670
PDS-48	48	30/60/1500/300	+	4000x3000x2700	1250

OPTIONS:

- complete dispensing installations, consisting of:
 - storage of base pigments,
 - transfer and recycling of base pigments,
 - dispensing station with control computer,
- dispensing accuracy: down to 0,1g,
- a wide-selection of container sizes, in which dosage takes place (1 3000 kg)
- CE and ROSSTEST certificates,
- machine can be adapted for the EX explosive environment operation (European ATEX certificate and Russian GOZGORTECHNADZOR certificate).

