

TECHNICAL INFORMATION

Date of preparation:
15 May 2026



Date updated:
15 May 2026
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Product name: system of disposable drip cups for spray guns and for mixing paint and primer

APP FPS X Fast Preparation System.

APP No.: 250820, 250821, 250822, 250823, 250824, 250825, 250826, 250827, 250828, 250829

A system of disposable drip cups designed for use with top-fed spray guns and for mixing paints and varnishes with hardeners and thinners in various proportions. Made from durable plastic resistant to the chemicals used in restoration and industrial paint shops. Precise graduations enable the desired quantity of spray-ready product to be obtained whilst maintaining the correct mixing ratios. The use of an internal soft cup completely isolates the paint from the surroundings and allows the spray gun to be used in any position.

Key components.

- Internal soft PE cups with capacities of 200, 400, 650 and 850 ml, and lids with integrated paint filters of 80, 125 or 190 microns.
- A 400 ml black soft inner cup with a black lid and a 190-micron strainer, designed for use with UV-curing products.
- Plugs for sealing the soft cup with a lid.
- External rigid PP cups with mixing graduations and a cap.
- FPS paint connectors for connecting the cup to a gravity-fed paint spray gun.

Cup capacity	Integrated strainer with lid	Index of soft cup sets with lid and one hard cup
200 ml	125 μm	250820
	190 μm	250821
400 ml	125 μm	250822
	190 μm	250823
400 ml UV	190 μm	250824
650 ml	80 μm	250825
	125 μm	250826
	190 μm	250827
850 ml	125 μm	250828
	190 μm	250829

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Spray gun model	Connector thread	Fitting name	Connector index
NTools FX1 HPS Plus, FX2 HPS Plus	3/4" BSP	APP FPS 15	250770
Devilbiss DV1, GTI, GTI ProLite, FLG			
Iwata WS400, LS400, W300	1/4" BSP	APP FPS 43	250771
AirGuns AZ3HTE, AZ4HTE			
NTools FX3 Plus, FX4 Plus	M16 x 1.5	APP FPS 02	250772
Iwata W400 Classic Plus, LPH400			
Sata QCC 5500, 5000, 4000, 3000, 1000	QCC	APP FPS 40	250773
NTools FX3 Mini	M14 x 1.0	APP FPS 21	250774
Graco LT100 Mini, Star SV-106T Mini			

Colour.

- Transparent, colourless with black mixing scales and a black capacity scale.
- One set of 400 ml soft cups for UV-curing products, black.

Capacity. Total / Working
200/150 ml, 400/350 ml, 650/600 ml, 850/800 ml.

Mixing ratios. By volume, depending on cup size:
2:1, 3:1, 4:1, 5:1, 6:1, 10:1.

Thinner addition. 10%, 20% and 30%.

Capacity range. From 50 ml to the maximum working capacity
with markings at 50 ml intervals.

Application

The cup system is designed to function as a drip tray with a strainer for a paint spray gun, whilst also being used for volumetric and weight-based mixing of products with hardeners in proportions in accordance with the application formula, and for adjusting the spray viscosity of the finished product ready for spraying.

The inner soft cup, fitted with a lid and sealed tightly with a stopper, allows for the temporary storage of single-component paints and varnishes.

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Advantages of the system

- Savings of up to 70% in the consumption of solvent used for cleaning the spray gun.
- Quick colour change.
- Cost savings on materials used during painting – one cup for mixing and painting.
- Compatibility with UV-curing systems.
- Three cup sizes to optimise the cost of using paint and clearcoat cups during typical paint repairs (individual parts, groups of parts, one side).
- FPS paint system connectors compatible with common makes and models of paint spray guns.
- Can be used with a spray gun at any angle of inclination.
- A sealed lid with a stopper for temporary storage of paint.
- A leak-proof system with simple and secure installation.

Usage

- Fit the appropriate FPS connector onto the paint cup connector of the paint spray gun.
The connection must be airtight and mechanically robust.
- Place the soft inner cup inside the hard outer cup and select the mixing ratio.
- Mix the paint in accordance with the formula and mixing ratios for the spray-ready paint mixture.
- Place the lid with the integrated strainer onto the soft cup and press it down as far as it will go.
The connection with the soft cup must be airtight.
- Place the cap on the hard cup and tighten it as far as it will go.
- Fit the FPS paint connector – which has already been attached to the spray gun – onto the spout of the upright cup, press it in as far as it will go, and then turn it
by a quarter turn.
- When painting, you can work at any angle of the spray gun up to and including 180°.

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Continued

- After painting, disconnect the compressed air hose, turn the spray gun upside down with the cup facing downwards, and press the trigger so that the paint flows out of the gun and back into the cup.
- Detach the cup from the spray gun in the reverse order to its assembly. Seal the spout of the soft cup tightly with a soft stopper. Unscrew the cap from the hard cup and remove the soft cup with its lid. If you have difficulty removing it, gently push it upwards through the hole in the base of the hard outer cup.

Advantages of the cups

- The outer hard cup, with a reinforced rim and base, is made of mechanically and chemically resistant polypropylene.
- A large opening in the base of the hard cup for pushing out the soft cups if you have trouble removing them.
- Durable printing on the outer hard cup.
- Clear mixing scales with numerous graduations.
- Capacity scale with markings at 50 ml intervals.
- A highly flexible and chemically resistant inner soft cup made of polyethylene, allowing work in any spray gun position.
- The absence of a vent hole completely isolates the paint from the external environment and prevents the cup from dripping at certain operating angles.
- The APP FPS X cup system is compatible with other systems of a similar type.

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Storage



When stored correctly, the product has no expiry date.
Store in sealed original bulk packaging in a dry and well-ventilated room. Protect from direct sunlight.

Health and Safety Regulations



Ensure you use appropriate personal protective equipment both inside and outside the spray booth.
Always refer to the Material Safety Data Sheet (MSDS) provided by the manufacturer to ensure you handle the paint materials safely.
The user must comply with the health and safety regulations in force in their country.

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