



Anton Paar

::: Unique Density & Concentration Meters



PFD Piercing and Filling Device

Anton Paar's reliable and safe solution for filling samples directly out of beverage packages such as PET bottles, glass bottles or cans into measuring instruments.

PFD - Automatic Piercing and Filling

The PFD Piercing and Filling Device allows you to fill your samples directly from cans, glass bottles or PET bottles. No sample preparation, such as degassing or filtering, is needed. The PFD Filling Device is suitable for combination with single analytical instruments as well as beverage analyzing systems.

Sampling device for packaged beverage analysis

A highly precise determination of dissolved CO₂ is essential for eliminating its influence on parameters such as density. Accurate measurements of dissolved CO₂, density, °Brix, and also alcohol, pH and even dissolved oxygen can be carried out simultaneously on a single sample by Anton Paar's Packaged Beverage Analyzers PBA-B (beer) or PBA-S/PBA-SI (soft drinks).

The PFD Filling Device transfers sample from the package using a compressed inert gas, which means that the amount of dissolved gas such as carbon dioxide and oxygen is not affected. No electricity is required.

New and improved version

- ▶ Removable safety shield for easier cleaning
- ▶ More stability due to increased thickness and weight of base plate
- ▶ Efficient draining of spilled sample
- ▶ No centering plate necessary, use of centering plates possible
- ▶ Surface layer of base plate consists of stainless steel
- ▶ Gas spring for safety shield for increased operator safety

Practical.
Functional.
Durable.



Technical specifications

Maximum allowed volume of packages to be measured

Cans	0.5 L
Glass bottles	1 L
PET bottles	3 L

Compressed gas	max. 6 bar ± 0.5 bar (87 psi ± 7 psi) relative pressure
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Environmental conditions

Ambient temperature	+0 °C to +40 °C (+32 °F to +104 °F)
Air humidity	0 % to 100 % relative humidity

Dimensions

L x W x H	190 mm x 270 mm x 670 mm (7.5 inches x 10.6 inches x 26.4 inches)
Maximum height with piercing head in highest position	1020 mm (40.2 inches)

Weight	10.1 kg (22.3 lbs)
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Wetted parts	Hoses: polyurethane, nylon Sample tube: stainless steel O-rings: EPDM
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Your distributor: