

**TECHNICAL SPECIFICATIONS**

<b>Trade name</b>	High precision plastic burettes
<b>Use</b>	Useful for routine work to eliminate the danger of glass breakages
<b>Material</b>	PVC/PMP/FEP
<b>Other features</b>	The combination of different plastic materials provides good resistance to chemicals. The stopcock assembly is molded in one piece with FEP key requiring no lubricant and providing a leak proof seal

**DIMENSIONAL SPECIFICATIONS**

<b>Capacity</b>	50 ml
<b>Divis. min.</b>	0,1 mm
<b>Lenth</b>	740 mm

**GENERAL FEATURES**

<b>CE Mark</b>	No
----------------	----

**BOTTLE STERILIZATION**

<b>Autoclavability +121°C</b>	No
<b>Gas (Ethylene Oxide)</b>	Yes
<b>Dry Heat (+160°C)</b>	No
<b>Chemical (Formalin)</b>	Yes
<b>Irradiation</b>	No
<b>Microwave</b>	Yes

**CLEANING OPERATIONS**

<b>Slight contamination</b>	Wash with neutral detergent (pH 7)
<b>Consistent contamination</b>	Wash with alkaline detergent (pH up to 12)

**Quality Assurance**  
Massimiliano Capitanio

**CHEMICAL RESISTANCES**

Categories of substances	Reference	Concen. %	T. 20° C	T. 40° C	T. 60° C
Inorganic acid	Sulphuric acid	98	B	B	B
Organic acid	Benzoic acid	100	A	B	B
Alcohol	Ethanol	100	A	B	B
Aldehydes	Acetaldehyde	100	B	C	-
Inorganic alkali	Sodium hydroxide	50	A	A	A
Organic alkali	Aniline	100	B	B	-
Ketone	Acetone	100	B	B	B
Esther	Ethyl acetate	100	B	B	B
Hydrocarbons, halogenated	Dichloroethylene	100	C	B	B
Hydrocarbons, aromatic	Benzene	100	B	C	
Hydrocarbons, linear	Hexane	100	B	C	
Supersolvent	Tetrahydrofuran	100	B	B	C

**Legenda** (not applicable if neglected):

- **A: fair resistance**; exposure (30 days) to the chemical does not cause any damage.
- **B: sufficient resistance**; exposure causes damage of poor importance, which sometimes is only temporary.
- **C: poor resistance**; exposure to chemical is not allowed, or causes immediate permanent damages.

Results of testing with reference materials are to be considered as indication: in case of specific use, it is recommended to carry out preliminary testing.

Information about resistance of plastic materials to temperatures, sterilization and washing treatments are based on bulletins issued by the Producers of raw materials, on literature data and on the experience gained in using the products

**PACKAGING**

Quantity	1
----------	---

**Quality Assurance**  
Massimiliano Capitanio