

PURITY Quell ST



Taste and function for gastronomy

Constant high performance in gastronomy is expected from high-quality machines. To ensure this performance is achieved at all times, it is advisable to work with optimised water.

The consistent water quality over the life of the filter and the reliable removal of unwanted taste and aroma elements ensures the best quality and optimum aroma development for your drinks, as well as high machine protection.



Opt for clean.
Opt for green.

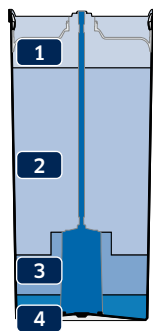
Environmental protection and recycling are part of the BRITA corporate philosophy. BRITA established a recycling programme for exhausted filter cartridges. Since 1992 all parts of BRITA cartridges can be completely reprocessed so that the materials can be recycled.

The benefits to you

- Removal of unwanted taste and aroma elements in the complete filtrate (including in the bypass water)
- Coffee develops its full aroma
- Targeted adaptation to local conditions with variable bypass setting
- Limescale deposits and associated machine breakdowns are reduced
- Service and repair costs are clearly reduced

Systematic filter technology

- 1 Pre-filtration**
A fleece at the inlet reliably retains coarse particles and, with its laminar water distribution, ensures a high utilisation of the downstream filter medium.
- 2 Carbonate hardness reduction**
The PURITY Quell ST filter medium reduces the content of carbonate hardness in a targeted way. As a result, unwanted limescale formation is prevented.
- 3 Activated carbon filtration**
All of the water – including the bypass water – runs through an activated carbon filter. Taste and aroma elements that have a negative affect do not enter the filtrate.
- 4 Fine filtration**
At the end of the filtration process a fleece retains any fine particles.



The illustration serves as explanation of the filter technology. It is not to scale.

Quality and safety

Optimum water quality
Outstanding and consistent water quality – free of unwanted taste and aroma elements.

Maximum product safety
For uninterrupted operation and safe use.

Simple to use
Operation is simpler and easier than ever.

The food safety of BRITA Professional water filter products is tested and monitored by independent institutes. Electronic components are CE-certified and labelled.



*applies to all materials in contact with water

PURITY Quell ST	450	600	1200
Technology	decarbonisation		
Capacity ¹ coffee /espresso /vending machines (at a carbonate hardness of 10 °dH/bypass setting of 40 %)	4,217l	7,207l	13,187l
Comparable capacity according to DIN 18879-1:2007: The comparable capacity is a standardised indicator to facilitate comparison of different filters. The comparable capacity is determined under extreme conditions. Normally the usable capacity in practical operation is clearly higher than the comparable capacity and may vary greatly depending on the usage conditions.			
Comparable capacity	2,240l	4,420l	7,253l
Max. operating pressure	6.9 bar		
Water intake temperature	4 – 30 °C		
Flow rate with 1 bar pressure loss	max. 350l/h		
Nominal flow	60l/h	120l/h	
Pressure loss at nominal flow	max. 0.12 bar	max. 0.36 bar	max. 0.32 bar
Dimensions (height/ width)	408/249 mm	520/249 mm	550/288 mm
Weight (dry/wet)	10/12 kg	12/15 kg	18/24 kg
Connections (input/output)	G 1" G 3/4"		
Operating position	horizontal and vertical		
Operation	Use after inhouse softening units possible		
PURITY Quell ST		Order number	
New filter (complete system with filter cartridge) with measuring and display unit	1009227	1009229	1009231
New filter (complete system with filter cartridge) without measuring and display unit	1009228	1009230	1009232
Replacement cartridge	273000	273200	273400
Accessories		Order number	
BRITA FlowMeter 10 – 100	1033041		
BRITA FlowMeter 100 – 700	1033042		
Carbonate hardness test kit	710800		
Appropriate hoses and hose sets from our comprehensive FlexConnect range as well as other accessories can be found in our price list.			
Replacement parts		Order number	
Pressure vessel lid with measuring and display unit	272000 ²		272400
Pressure vessel lid without measuring and display unit	272100 ²		272500
Explanatory notes	¹ The capacities given have been tested and calculated on the basis of normal application and machine conditions. Due to external influences (e.g. variations in raw water quality and/or machine type), deviations from these results can occur. ² These order numbers relate to P1200		

Only drinking quality water may be used as the water supply for BRITA water filters.

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BRITA Professional Filter Service App

The new Filter Service App is your ideal assistant. This unique, comprehensive tool helps determine the right type and size of filter for your precise needs. It provides detailed installation guidance for service engineers, calculates when cartridges will need replacing – and has a wealth of other, innovative capabilities.

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