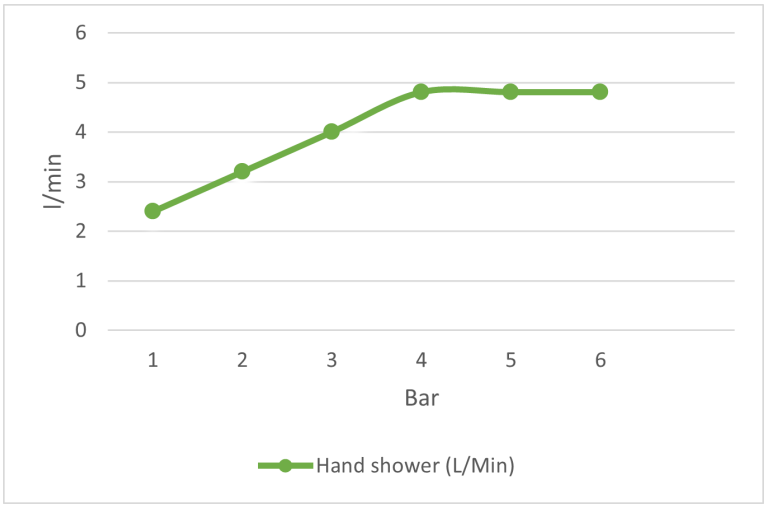
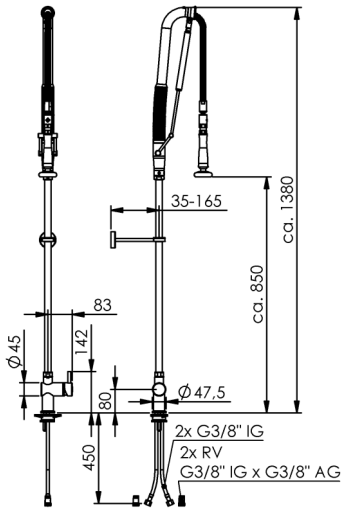
Technical data sheet

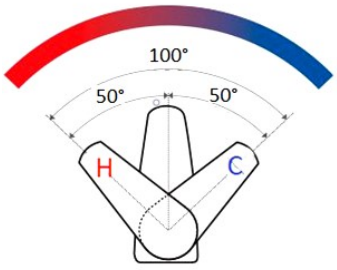
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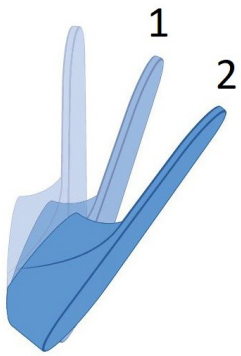
echtermann® for professionals

Designation:	**TOP CLEAN pre-rinse** **High-performance automated pull mechanism** **Single-lever mixer tap**
Material:	**Stainless steel**
Article number:	**301-102/000**
Technical data:	· Mixer tap: Single-lever mixer · Nominal size 1/2" · Operating pressure 1 - 6 bar (14.5 - 87 psi) · For **high pressure only** · Ceramic cartridge (mixer) · Heat insulating handles · Ergonomic hand shower made of stainless steel · Gas pressure spring · Wall bracket, no visible thread (35mm to 165mm) · Hose: High performance agraff hose, stainless steel, 850mm with ball joint and 360° rotatable · Non-return valves prevent the circulation between hot and cold water as well as the backflow of dirty water · Connection/Installation: Worktop bore hole Ø30mm · Flow rate hand spray 2,4 - 4,8 l/min (1 - 4 bar, 14,5 - 58 psi) · Hot water resistant up to 80°C
Description:	· **Automated pull mechanism:** The valve opens when the hand shower is pulled down and closes when it is moved up, supported by gas pressure spring = self-closing · **Extended and free work area:** Hand-spray with ball joint, shower attachment swivels to both sides (360°) · **Water saving:** Self-closing system · **Durable and low-maintenance:** Opening mechanism above rising tube, hose and hand spray are never under water pressure · **Work safety:** Controlled closing if spray gun slips off your hand · **Concentrated water jet** for ideal pre-rinsing result
Flow rates:	









2 stage eco cartridge with water saving function

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Proper use:	The fitting is used in commercial kitchens. The fitting must only be operated by trained specialist staff with a minimum age of 14 years. Assembly and disassembly may only be carried out by certified specialist tradesmen.
Improper use:	The fitting is **not** suitable for connection to low-pressure hot water boilers. The fitting must not be used to clean push-through dishwashers. There is a risk of damage to the hose from excessive pulling.
Warning:	In case of disassembly or repair the angle valves should be shut off. In order to prevent water damage, the mixer tap has to be closed outside business hours.
Care instruction:	**Do not** use cleaning agents with a high chlorine or acid content. Refrain from using high -pressure cleaning devices, as defined in work sheet VdF 018, for instance. **No types** of scouring agents are to be used for cleaning purposes as they scratch the surface.
Admissions:	**All seals meet the requirements for plastics in contact with water and the requirements of DVGW work sheet W 270. All solders are cadmium and lead free.**
Manufacturer:	**Gebr. Echtermann GmbH & Co.KG** Bertholdstr.5 D 58644 Iserlohn Tel: +49 (0) 2371 / 9582-0 Fax: +49 (0) 2371 / 52787 Email: contact@echtermann.de

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