

ceramus® & opus® dispenser

HiClass in dispensing. Absolute perfection down to the last detail.

Promotion

period:

01.11.2018

bis

31.12.2018



ceramus®

Overview of details

- Piston made of high-purity aluminium oxide ceramic
- Fixed and variable volumes from 0.2 ml to 60 ml
- Complete unit can be sterilised at 121 °C
- User-independent, reproducible volume dispensing
- Digital volume configuration engagement, calibrated for a lifetime
- Optimum chemical and thermal resistance of parts conveying medium
- Quality certificate with declaration of conformity acc. to DIN 12600

opus®

Overview of details

- Electronic control and dispensing of volumes
- TFT touchscreen with user-friendly menu
- Method memory for nine different dispensing procedures with storage of their complete settings
- PIN function: adaptation of unit function range for users with different authorisations
- Superior materials and reliable piston sealing, even in the case of problematic media
- USB and RS232 connectivity
- Integration in automated procedures possible
- Individual droplets from 10 µl
- Serial dispensing up to 9999 times
- Standard stepper function

Standard for Hirschmann products:

- Discharge valves and valve seats consisting of high-purity aluminium oxide ceramic
- Media recirculating system for simple and rapid venting without reagent loss
- Free rotation
- Valve springs from Hastelloy
- Threaded suction hose fitting
- Robust ejection unit

Order no.	Description	Volumen ml	Subdivisión ml	Precision (R %)	Reproducibility (CV %)
931 20 00	ceramus®	0,2-1,0	0,05	0,6	0,2
932 20 00	ceramus®	0,4-2,0	0,05	0,6	0,2
933 20 00	ceramus®	1,0-5,0	0,10	0,6	0,2
934 20 00	ceramus®	2,0-10,0	0,25	0,6	0,2
935 20 00	ceramus®	5,0-30,0	0,50	0,6	0,2
936 20 00	ceramus®	10,0-60,0	1,00	0,6	0,2

931 21 00	ceramus® FIX	1		0,6	0,2
932 21 00	ceramus® FIX	2		0,6	0,2
933 21 00	ceramus® FIX	5		0,6	0,2
934 21 00	ceramus® FIX	10		0,6	0,2
935 21 00	ceramus® FIX	25		0,6	0,2
936 21 00	ceramus® FIX	50		0,6	0,2

934 23 00	ceramus® HF	2,0-10,0	0,25	0,6	0,2
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Order no.	Description	Volumen ml	Volt	Stecker	Precision (R %)	Reproducibility (CV %)
958 10 10	opus® dispenser	10 ml	100-240	EU, US, UK	0,6	0,2
958 10 20	opus® dispenser	20 ml	100-240	EU, US, UK	0,6	0,2
958 10 50	opus® dispenser	50 ml	100-240	EU, US, UK	0,6	0,2

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- Please send more information about **opus® dispenser**
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