

ceramus® classic, with declaration of conformity acc. to DIN 12600: featuring ceramic piston!

ceramus® classic dispensers are high precision bottle dispensers that can be set in fixed increments for reproducible dosage of liquids. Six models cover the volume spectrum between 0.2 ml to 60 ml ab.

Ceramic piston

All ceramus® classic dispensers feature a special piston made of high-purity Al_2O_3 ceramic. The combination of this unique ceramic piston with a standardized DURAN® glass cylinder provides ideal conditions for best possible fit, guaranteeing long-term safety and precision.

Advantages of the ceramic piston:

- no wear
- no swelling
- no thermal problems

Operation

You simply turn the graduated collar in either direction to set the volume you want. To dispense, pull up the piston to the stop and press down. That's all you need to do.

Safety

Fixed-increment settings guarantee absolutely reproducible dosage. The latching mechanism effectively prevents inadvertent volume misadjustment. Zero range security locking provides additional protection. A stable protective shell with integrated window provides effective protection against accidental glass breakage. All ceramus® classic dispensers can be steam sterilized up to 121°C / 2 bar if needed.

Conformity

ceramus® classic has declaration of conformity acc. to DIN 12600.

Additional merits

- Suction, ejection, and return valve are made of highly pure Al_2O_3 ceramic material (99.7%), are inert to the greatest possible extent as well as non-wearing. Easy to replace (mounting wrench supplied)
- Guided discharge tube effectively prevents „snip effect“
- Screw-doubled suction tube for 100% tightness during suction
- Environment-friendly packaging, fully recyclable
- Individual certificate with serial number and 12 months warranty
- Use of high-grade materials (ECTFE, DURAN® glass, FEP)

Scope of delivery

ceramus® classic complete with thread A32, 3 thread adapters (A 28, A 45, and S 40), 1 suction hose with union nut, 1 ejector unit, 1 valve mounting wrench, single calibration certificate.



① Variable volume

Volume ml	Setting steps ml	Accuracy ¹⁾ %	Variation coefficient ¹⁾ %	Order No.
0.2 – 1	0.05	0.6	0.2	14 37 00001
0.4 – 2	0.05	0.6	0.2	14 37 00002
1 – 5	0.10	0.6	0.2	14 37 00003
2 – 10	0.25	0.6	0.2	14 37 00004
5 – 30	0.50	0.6	0.2	14 37 00005
10 – 60	1.00	0.6	0.2	14 37 00006

¹⁾ In relation to the maximum volume.

② Fixed volume

Volume ml	Accuracy ¹⁾ %	Variation coefficient ¹⁾ %	Order No.
1	0.6	0.2	14 37 00011
2	0.6	0.2	14 37 00012
5	0.6	0.2	14 37 00013
10	0.6	0.2	14 37 00016
25	0.6	0.2	14 37 00020
50	0.6	0.2	14 37 00023

¹⁾ In relation to maximum volume.