

erafill s

SYRINGE SAMPLE CHANGER
FOR ERAVISC X AND ERADENS X

Effortless
automated filling

Highest
precision for
density &
viscosity
in one run



Small, robust & safe design

Easy cleaning
with 2 solvents

Xtra Easy
Xtra Rugged
Xtra Accurate

eracill s is an automatic filling and cleaning device for the kinematic viscometer **eravisc X** and the density meter **eradens X**. The single-position sample changer allows the master device to be filled from a 10 mL syringe. Repeat measurements and measurements at different temperatures can be carried out easily.

If required by the sample sequence, cleaning with up to two different solvents and final drying of the measuring cells are performed fully automatically. The optimized cleaning process ensures minimal turnaround times and prevents cross-contamination.

Technical Specifications of **eracill s**

Filling mode	syringe filling
Number of samples	single position
Viscosity range	up to 2000 mm ² /s @ ambient condition
Typical sample volume	6 mL for kinematic viscosity and density, 10 mL for viscosity index (VI)
Typical solvent consumption	< 10 mL cleaning solvent + < 5 mL drying solvent @ KV40 68 mm ² /s
Typical measurement time	2 minutes without cleaning, < 10 minutes with cleaning and drying @ KV40 68 mm ² /s
Sample temperature	15 °C – 35 °C
Chemical resistance	All wetted parts are made of highly resistant materials
Special feature	Force sensor to optimize filling speed
Operation temperature	5 °C – 45 °C up to 90 % rel. humidity (non-condensing)
Power requirements	110 – 240 VAC, 50 – 60 Hz, DC 24V, 5A
Interfaces	USB-C: Communication to eralytics analyzer
Dimensions (W x H x D)	14.2 x 28.3 x 40.4 cm (5.6 x 11.1 x 15.9 in)
Weight	4.4 kg (9.7 lb)

Note: Typical values, depending on sample type, temperature and measurement sequence

Due to continuing product development, specifications are subject to change.

All **eralytics** products are manufactured under ISO 9001 regulations and are CE, ROHS and UL/CSA compliant. www.eralytics.com/eravisc-x



eralytics instruments are available worldwide.
An international network of over 50 authorized and well-trained distributors is ready to answer your inquiries and to offer local support and service.
www.eralytics.com/distribution

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