

**Precise measuring instruments
for viscosity and surface science**

Product range 2024 / 2025

Version 2024-04-01

Automatic sample preparation

Precise data. Constant values.

Automatic sample preparation

In combination with XPR-type laboratory balances, we offer a flexible weighing and dosing method for preparing samples for viscometry. The PC-controlled system accelerates and improves the weighing and dosing process considerably. Moreover, the automatic process provides a higher safety standard for the user. Some of the previously manual work steps are completely eliminated. The simple handling requires no special technical knowledge from the lab personnel. The weighing and dosing system operates reliably and with high precision. Since the solvent dosing takes place in a closed system, the personnel benefits from a much lower exposure to dangerous solvent fumes or even direct contact at their workplaces. This allows a significantly higher sample throughput at an impressive high quality and security level.

Included accessories:

- || 1x MT burette dosing unit for 1 solvent
- || 1x replaceable burette 20 ml
- || 1x RS 232 interface box with power adapter
- || Weighing balance MT XPR 20x with dosing attachment and software module
- || Software for embedding in viscometry measuring program



Image shows
2 solvents version

LMVZ977

Special Features:

- || High-quality XPR balance and special software module for gravimetric or volumetric dosing
- || No influence on the solvent temperature. Pre-tempering is not necessary
- || Direct data transfer of concentration and initial weight to the PVS software
- || User navigation via high-resolution display on the balance
- || Input of sample data via PC or barcode reader
- || Multiple solvents can be added for different sample types

Expansion modules for second solvent

EBK 016 MT burette dosing unit

For titration

EBK 017-1 Burette top part

For dosing unit, 20ml

Software control and balance mounting set

LMVZ979 Sample preparation upgrade kit

Only to be ordered when Mettler balance XPR 20x and Mettler dosing unit with top part already are used or will be purchased by the customer separately. Upgrade kit incl. software, balance mounting set and control interface and cables



LMVZ979

General accessories for viscosity



EG 094 | EG 062 | EG 066

Sample preparation

30 ml flasks

EG 066 Sample bottle 30 ml
With 24 mm thread, for PG 30

EZV 104 Connection screw cap with hole
White, for sample bottle (EG 066)

EDF 124 Sealing rings
For connection screw cap (EZV 104), 50 units

EDF 092 Small aluminum plates
For sample bottle (EG 066), 1,000 units



EDF 093

50 ml flasks

EG 062 Sample bottle GL 32, 50 ml
For PG 50

EZV 100 Connection screw cap with hole
Red, GL 32, for sample bottle (EG 062)

EZV 141 Screw cap GL 32
PTFE coated, red, for sample bottle (EG 062)

EDF 122 Sealing rings
For connection screw cap (EZV 100), 50 units

EDF 093 Small aluminum plates
For sample bottle (EG 062), 1,000 units



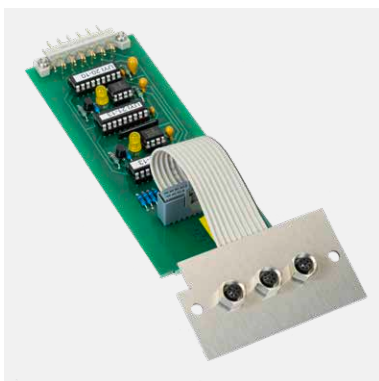
EZV 100 | EZV 104 | EZ 165

100 ml flasks

EG 094 Sample bottle GL 45, 100 ml
For PG 100

EZ 165 Connection screw cap with hole
Red, GL 45, for sample bottle (EG 094)

EDF 097 Small aluminum plates
For sample bottle (EG 094), 1,000 units



LMVZ930

EBK 010 Multi-place magnetic stirrer RT 35
Not heated, 35 positions, for 50 ml sample bottle (EG 062)

EBK 013 Magnetic stirrer block MRH 15
Heated, 15 positions, for 50 ml sample bottle (EG 062)

EZ 195 PTFE stirrer
Small, 5x 25 mm

Upgrade PVS box

LMVZ930 2-place plug-in unit ME 2
For additional 2 measuring stands and one additional VRM module

General accessories for viscosity

Particle separation

LMVZ958 Insert filter for EG 062 (50 ml)

Incl. 100 units filter plates (EZ 209)

LMVZ988 Insert filter for EG 094 (100 ml)

Incl. adapter (HKF 048) and 100 units filter plates (EZ 209)

HKF 048 Adapter for insert filter (LMVZ988)

For 100ml flasks

EZ 209 Filter plates

Mw. 0.077 for insert filter (LMVZ958), 100 units

EZ 209-2 Filter plates

Mw. 0.01 for insert filter (LMVZ958), 100 units



LMVZ958

Dosing and sample handling

EG 060 Glass funnel

For easy and clean sample handling

UD 410 Filter inserts for glass funnel (EG 060)

Stainless steel, 20 units, 0.03 mm

HX 615 Funnel for plastic pellets

PVDF

EGP 012 Disposable syringe

20 ml, 100 units, PE / PP

EGZ 015 Steel needles for disposable syringe (EGP 012)

Stainless steel, 100 units

EGZ 019 Glass syringe

For applying polymer samples



EGP 012 | EGZ 015

Waste and reservoir bottles

LMRZ931 Set of flasks and tubings 15

5x flasks DURAN (1x 2 liter, 4x 1 liter), 3x stopper with tubings

LMRZ930 Set of flasks and tubings 24

6x flasks DURAN (1x 5 liter, 2x 2 liter, 3x 1 liter), 3x stopper with tubings

LMRZ907 Stopper with tubings



LMRZ931



LMRZ907



www.lauda-scientific.de/en

LAUDA Scientific GmbH
Laudaplatz 1
97922 Lauda-Königshofen
Germany

Phone: +49 (0) 9343 503-340
E-Mail: info@lauda-scientific.de

LAUDA

scientific