





Accessories for 2.873.0014

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 2.873.0014

Qty.	Order no.	Description	
1 pcs	1.873.0014	873 Biodiesel Rancimat (230 V) Instrument for the automatic determination of the oxidation stability of biodiesel (fatty acid methyl ester, FAME). Conductometric indication. Instrument for 230 V and 50 - 60 Hz.	
8 pcs	6.0913.130	Measuring vessel cover for stability measuring instruments With built-in conductometric measuring cell.	
24 pcs	6.1428.030	Glass measuring vessel for stability measurements Conductivity measuring vessel made of clear glass for stability measuring devices	
1 pcs	6.1429.050	Reaction vessel long for stability measurements Reaction vessel for stability measurements involving volatile oils, mineral oils and biodiesel blends with the Biodiesel Rancimat. In combination with 6.2418.130. Set of 100 pieces.	

8 pcs **6.1451.010** **Foam barrier**
Foam barrier in reaction vessels for stability measurements.



4 pcs **6.1454.040** **O-Ring**
O-ring for air tube for stability measurements. Set of 8 pieces.



1 pcs **6.1602.145** **Drying flask cap**
Screw cap with GL 45 thread for the 6.1608.050 drying flask.



1 pcs **6.1608.050** **Drying bottle / 100 mL / GL 45**



1 pcs **6.1805.010** **FEP tubing / M6 / 13 cm**
With light and kink protection.



10 pcs **6.1805.080** **FEP tubing / M6 / 25 cm**
With light and kink protection.



1 pcs **6.1808.020** **Tubing adapter olive / M6 inner**
1 M6 inner thread and 1 tubing nozzle. Part of the screw connections for Exchange Units and stability measuring instruments.



16 pcs **6.1808.050** **Tubing adapter olive / M8 outer**
1 M8 outer thread and 1 tubing olive. E.g. for thermostat jacket of exchange units and stability measuring instruments.



8 pcs **6.1808.090** **Thread adapter M8 outer / M6 inner**
Outer thread M8, inner thread M6, e.g. for mounting 6.2418.XXX Air tubes in 6.1429.XXX Reaction vessels of stability measuring instruments.



8 pcs 6.1819.080 Cannula for gas feeding

For stability measuring instruments.



1 pcs 6.1821.040 Filter tube

Filter tube for 6.1608.050 Drying bottle. For Rancimats and Karl Fischer ovens.



24 pcs 6.1839.000 Iso-Versinic tubing 0.22 m

Connection tubing for stability measuring instruments for determining the oxidation stability of biodiesel.



1 pcs 6.2041.190 Holder for reaction vessels

Reaction vessel holder for stability instruments; for 8 reaction vessels.



1 pcs 6.2134.100 RS-232 cable, 5 m, DB9 – DB9

Connecting Metrohm RS-232 interface to Titrinos, 756 KF Coulometer, 762 or 771 IC Interfaces, 790 Personal IC, 743 Rancimat, 763 PVC Thermomat, 873 Biodiesel Rancimat.



1 pcs 6.2250.000 Labels laminated

Labels for measuring vessel cover for stability measuring instruments. Labeling: A1, A2, A3, A4, B1, B2, B3, B4. 5 sets of 8 items each.



1 pcs 6.2418.130 Air tube long for biodiesel measurements

Set of 100 pieces. In combination with 6.1429.050.



1 pcs 6.2628.000 Holder for reaction vessel

Reaction vessel holder for stability instruments; for 1 reaction vessel for weighing in the sample.



1 pcs 6.2724.010 Dust filter

Dust filter for Rancimats and Karl Fischer ovens.



1 pcs 6.2753.107 Reaction vessel cover for stability measurements

For 6.1429.040 or 6.1429.050 Reaction vessel. Set of 100 pieces.



1 pcs 6.2811.000 Molecular sieve

Molecular sieve. Bottle containing 250 g. Pore size: 0.3 nm. Without moisture indicator. For Rancimats and Karl Fischer instruments.








1 pcs 6.6060.010 873 Biodiesel Rancimat Software 1.1

Software for instrument control and administration of data. For the following operating systems: Windows[®] 2000, Windows[®] XP Professional, Windows[®] Vista (32-bit) and Windows[®] 7 (32-bit).



Optional accessories

Order no.	Description	
2.145.0320	Port extension USB - 4xDB9 For connection (DB9) of 4 additional instruments to the USB interface of the computer (WIN98, 2000 or XP).	
6.1111.020	Pt100 temperature sensor for stability measuring devices Pt100 temperature sensor (length 30.0 cm) with fixed cable and mini-DIN-plug. This glass-free temperature sensor is well suited for use with instruments for stability measurement (873 Biodiesel Rancimat and 893 Professional Biodiesel Rancimat).	
6.2059.000	Turning ring Turning ring for the swiveling setup of stability measuring instruments.	
6.2125.110	RS-232 cable 3 m, 25-pin – 9-pin Connecting Metrohm RS-232 interface to PC. Used with pH Meters, Titrinos, KF Coulometers, VA Trace Analyzer.	
6.2301.060	KCl ion standard 250 mL KCl ion standard ($c(\text{ion}) = 0.1000 \pm 0.0005 \text{ mol/L}$), can also be used as standard solution for conductometry 12.87 mS/cm (25 °C).	

6.2324.010 Conductivity standard 100 μ S/cm 250 mL

Conductivity standard for calibration of conductivity measuring cells with cell constant = 0.1/cm.



6.2326.000 Silicone oil for stability measuring instruments (50 mL)

Silicone oil for the determination of temperature correction in stability measuring instruments



6.2757.000 Air collection tube for stability measuring instruments

Including 8 stoppers.



6.2821.090 Aspiration filter

Pore size 20 μ m, set of 5 pieces. For 6.1834.000 Aspiration tubing and 6.1821.040 and 6.1821.050 Filter tubes.



6.5616.110 Equipment for determination of temperature correction with Biodiesel Rancimats.

Set for exact temperature adjustment



6.5706.010 Consumable Kit Biodiesel Rancimat



Assembly of important expendable items for the Biodiesel Rancimat.
