



916 Food Ti-Touch

2.916.4010

"Reduce to the max" – das ist das Konzept des 916 Ti-Touch. Der neue Kompakt-Titrator von Metrohm bietet das Maximum in der Klasse der Stand-alone Systeme für die Routineanalytik.

Neu erfüllt der 916 Ti-Touch auch die FDA-Verordnung 21 CFR, Part 11. Damit sind Sie bei Audits immer auf der sicheren Seite.

Der 916 Food Ti-Touch bietet Ihnen das komplette Paket für wässrige Säure/Base Titrationen im Lebensmittelbereich. Neben den detailliert beschriebenen Bestimmungsmethoden erhalten Sie auch das komplette Zubehör für Ihre Titrationen. Im Paket enthalten sind Titrator mit Stabrührer, 800 Dosino, Dosiereinheit 20 mL und eine iEcotrode plus, eine auf wässrige Säure/Base-Titrationen spezialisierte, intelligente pH-Glaselektrode.

Profitieren Sie von unseren mehr als 60 Jahren Applikations-Know-how. Annähernd 100 erprobte Methoden warten darauf, von Ihnen eingesetzt zu werden. Das Programmieren des Titrators entfällt. Laden Sie einfach die Methode von dem mitgelieferten USB Memory Stick. Die Methoden wurden in Anlehnung an die folgenden Publikationen ausgearbeitet:

- Official Methods of Analysis of the Association of Official Analytical Chemists (AOAC, USA)
- U.S. Environmental Protection Agency (EPA)

- Schweizerisches Lebensmittelbuch
- Deutsche Einheitsverfahren zur Wasser-, Abwasser- und Schlammuntersuchung

Lieferumfang 2.916.4010

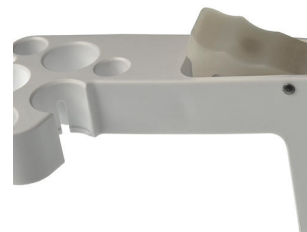
Qt.	Order no.	Beschreibung
1 PCS	1.800.0040	800 Dosino (cable length 0.65 m)
		Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 0.65 m). 
1 PCS	1.802.0020	802 Stirrer
		Rod stirrer for sample changer and Sample Processor. With 6.1909.020 Propeller stirrer 104 mm and fixed cable. 
1 PCS	1.854.0010	854 iConnect
		854 iConnect - electrode cable and measuring amplifier for intelligent electrodes «iTrodes». 

1 PCS

6.02005.000

OMNIS electrode holder

Electrode holder for one OMNIS titration system.



1 PCS

6.0280.300

iEcotrode Plus

Intelligent, combined pH electrode with integrated memory chip for storing of sensor data. This electrode is suitable for aqueous acid/base titrations.

The fixed ground-joint diaphragm is insensitive to contamination.
Reference electrolyte: $c(\text{KCl}) = 3 \text{ mol/L}$, storage in storage solution.
iTrodes can be connected to Titrando, Ti-Touch or 913/914 meters.



1 PCS

6.1546.030

Piston tongs

For pistons for 807 Dosing Units or cylinder units OMNIS.



1 PCS

6.1608.023

Amber glass bottle / 1000 mL / GL 45

For Exchange Units. Bottle for auxiliary solutions.



1 PCS

6.1909.010

Stirring propeller / 87 mm

Propeller stirrer, length from lower edge of SGJ: 96 mm. For use with beakers with 722, 802 Rod Stirrer



1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



1 PCS

6.2016.050

Support rod / 300 mm



2 PCS

6.2043.005

Holding clip for bottles

Holding spring for reagent bottles in exchange units.



1 PCS

6.2164.010

Power supply unit 100 - 240 V/24 V DC

Power supply unit for 915 KF Ti-Touch, 916 Ti-Touch, 917 Coulometer and all Eco Titrators / Eco Dosimat.



1 PCS

6.2307.230

Buffer solutions pH 4, 7 and 9

Mixed buffer solutions pH 4.00/7.00/9.00 (25 °C) in single use sachets, colourless, box of 3 x 10 x 30 mL



1 PCS

6.2308.050

Electrolyte 3 mol/L KCl (50 mL)

Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$ (for Ag/AgCl reference systems)



1 PCS

6.2323.000

Storage solution

Storage solution for all combined pH glass electrodes with reference electrolyte $c(\text{KCl}) = 3 \text{ mol/L}$



1 PCS

6.2621.030

Hexagon key 4 mm



1 PCS

6.2709.070

Guiding sleeve

For fixation of buret and dosing tips in titration heads and electrode holders



1 PCS

6.3032.220

807 Dosing Unit 20 mL

807 Dosing Unit with integrated data chip with 20 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



1 PCS

6.6066.000

USB flash drive for Ti-Touch

USB flash drive for 915 KF Ti-Touch and 916 Ti-Touch.



Optionales Zubehör

Order no.	Beschreibung
-----------	--------------

2.142.0100 Custom Q3X thermal printer

Compact printer with USB interface for

- 900 Touch Control
- 915 KF Ti-Touch
- 916 Ti-Touch
- 917 Coulometer
- 877 / 848 Titrino plus
- 865 / 876 Dosimat plus
- 91X Meter (cable 6.2151.140)
- Eco Dosimat / Titrator
- 862 Compact Titrosampler
- 870 KF Titrino plus
- 899 Coulometer



Paper width 60 mm (40 characters). Including 6.2151.120 USB cable.

2.143.0200 TX-900MH impact printer

Compact impact printer with USB and RS232 interface for

- 900 Touch Control (+)
- 915 KF Ti-Touch (+)
- 916 Ti-Touch (+)
- 917 Coulometer (+)
- 91X Meter (+)
- Eco Dosimat/Titrator (+)
- 877/848 Titrino plus (additional 6.2151.100 required)
- 865/876 Dosimat plus (additional 6.2151.100 required)
- 862 Compact Titrosampler (additional 6.2151.100 required)
- 870 KF Titrino plus (additional 6.2151.100 required)
- 899 Coulometer (additional 6.2151.100 required)



(+) Cable included in scope of delivery

2.800.0010

800 Dosino

The 800 Dosino is a drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).



2.804.0040

804 Ti Stand with stand

Titration stand and controller for 802 Rod Stirrer. The 804 Ti Stand together with the optional 802 Rod Stirrer provides an alternative to the magnetic stirrer. Ti Stand with base plate, support rod and electrode holder.



2.805.0010

805 Dosimat

Dosing device for the Titrando and Sample Processors with read/write hardware for intelligent Exchange Units. With permanently attached cable. Without Exchange Unit.



2.810.0010

810 Sample Processor

Sample Processor for the automated analysis of routine samples using 916 Ti-Touch or 915 KF Ti-Touch.

Sample Processor with one workstation and one built-in membrane pump for the automatic processing of potentiometric as well as Karl Fischer titrations, in series with small to medium quantities. In addition to the built-in pump, an additional one (membrane or peristaltic) and up to three dosing devices for Liquid Handling tasks can be connected.

Because of the multitude of application variants, rack, stirrer, titration head, Swing Head and sample vessels must be tailored to the application and ordered separately.



6.2103.130 Adapter red 2 mm plug / 4 mm socket
For connecting plug B (4 mm) to 2 mm socket.



6.2103.140 Adapter black 2 mm plug / B socket 4 mm
For connecting plug B (4 mm) to 2 mm socket.



6.2104.020 Electrode cable / 1 m / F
For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



6.2107.120 Manual Dosing Controller - Ti-Touch
Handle for manual dosing and manual titration with the 916 Ti-Touch and the 900 Touch Control. Requires 6.2148.010 Remote Box MSB.



6.2723.300 Protective cover for 900 Touch Control
Protective cover for 900 Touch Control



6.3026.110 Exchange Unit 1 mL

Exchange Unit with integrated data chip with 1 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, antidiffusion buret tip and standard amber glass reagent bottle.



6.3026.150 Exchange Unit 5 mL

Exchange Unit with integrated data chip with 5 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



6.3026.210 Exchange Unit 10 mL

Exchange unit with integrated data chip with 10 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



6.3026.220

Exchange Unit 20 mL

Exchange unit with integrated data chip with 20 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, anti-diffusion buret tip and standard amber glass reagent bottle.



6.3026.250

Exchange unit 50 mL

Exchange unit with integrated data chip with 50 mL glass cylinder and light protection. PCTFE/PTFE flat stopcock, FEP tubing connection, antidiffusion tip and standard amber glass reagent bottle.



6.3032.120

807 Dosing Unit 2 mL

807 Dosing Unit with integrated data chip with 2 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.150

807 Dosing Unit 5 mL

807 Dosing Unit with integrated data chip with 5 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.210

807 Dosing Unit 10 mL

807 Dosing Unit with integrated data chip with 10 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



6.3032.250

807 Dosing Unit 50 mL

807 Dosing Unit with integrated data chip with 50 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.

