



# 916 Food Ti-Touch

2.916.4010

"Reduce to the max", questo è il principio del 916 Ti-Touch. Il nuovo titolatore compatto di Metrohm offre il massimo nella classe dei sistemi stand-alone per l'analisi di routine.

Il 916 Ti-Touch soddisfa ora anche il decreto FDA 21 CFR, Part 11. Pertanto in occasione degli audit si è sempre al sicuro.

Il 916 Food Ti-Touch vi offre il pacchetto completo per titolazioni acquose di acidi/basi nel settore alimentare. Oltre ai metodi di determinazione descritti nel dettaglio, ricevete anche tutti gli accessori per le vostre titolazioni. Il pacchetto comprende titolatore con agitatore a elica, 800 Dosino, unità di dosaggio da 20 mL e un iEcotrode Plus, un elettrodo a vetro combinato per pH specializzato e intelligente per titolazioni acquose di acidi e basi.

Beneficiate del nostro know-how applicativo ultrasessantennale. Circa 100 metodi collaudati sono in attesa di essere utilizzati da voi. La programmazione del titolatore decade. Caricate semplicemente il metodo dal Memory Stick USB fornito in dotazione. I metodi sono stati sviluppati sulla base delle seguenti pubblicazioni:

- Metodi ufficiali di analisi dell'Associazione dei chimici analitici ufficiali (AOAC, USA)
- U.S. Environmental Protection Agency (EPA)

- Manuale svizzero delle derrate alimentari
- Procedimento unitario tedesco per l'analisi delle acque, delle acque di scarico e dei fanghi

## Parti incluse 2.916.4010

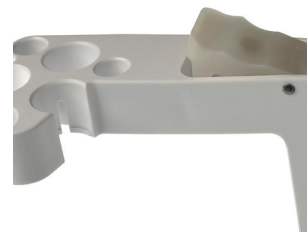
| Qt.   | Order no.  | Descrizione                                                                                                                                                                                                       |
|-------|------------|-----------------------------------------------------------------------------------------------------------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

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



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1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



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1 PCS

6.2016.050

Support rod / 300 mm



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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.



## Accessori opzionali

| Order no. | Descrizione |
|-----------|-------------|
|-----------|-------------|

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.

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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

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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.



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



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



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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.



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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.

