



TIM845 pH/end point/inflexion point Titration system

Продукт №:

R41T039

ОСТАРЯЛ АРТИКУЛ

Този артикул вече не е наличен.

Volumetric titrator - ready for immediate analysis

Compact pH/end point/inflexion point Titrator, biburette, for routine analysis. Without burette stands.

<TableBullet/>Plaintext messages and status bar

<TableBullet/>End point titration: 1 to 2 preset end points

<TableBullet/>Inflexion point titration: Auto determination of 1 to 4 inflexion points, programmable IP acceptance windows

<TableBullet/>Coupling of 2 methods in one beaker

<TableBullet/>Titrant addition techniques: incremental dynamic, incremental monotonic and continuous dynamic

<TableBullet/>Large graphic display for online-curves

<TableBullet/>pH electrode calibration: up to 5 points using IUPAC standards or 4-7-10 Series

Intelligent design ensures effortless application setup and maintenance

Electrodes and tubing slot secure in place with one easy movement thanks to our unique bayonet concept. For convenient installation and maintenance, the mono-block titrating burette is mounted in no time.

Intuitive interface guides you at every step

Titration Manager prompts you with clear-text messages in a choice of languages, making it so much easier when you're doing routine work. The titration curve is easy to follow live on the large graphic display together with electrode and titrant status.

One-touch selections and preprogrammed functions make titrations easy to run

Interface gives instant access to routine functions, making it by far the simplest titrator of its generation. Preset routines guide you when running analyses, repeating measurements and performing maintenance. Titrator allows you to automatically sequence and repeat measurements – ideal for direct measurement followed by a titration. Predefined electrode and reagent libraries mean you save time and effort setting up your application.

High-resolution burette and unique addition technique ensure accurate results

Integrated titrating burettes offer the highest resolution on the market giving unbeatable accuracy for your potentiometric titrations. Innovative electronic design supporting effective PID regulation loop algorithms combined with incremental or dynamic continuous titrant addition modes allow you to reach end points or to determine inflection points even more quickly. Whether you are working with sharp or weak curves or running single or multiple IP, detection is fast and reliable.

Assistant function and extensive data storage give complete confidence in your results

On the Titrator, all interfaces are standard so you can add to your system as you wish. Increase your sample throughput from 10 to 126 samples using one of our sample changers. Add up to 4 additional burettes and 4 electrode inputs thanks to the versatile ABU52 dual burette system.

Simplify data entry by connecting a standard PC keyboard and a bar code reader. Obtain virtually unlimited storage capacity for your results with TitraMaster 85 PC Software.

Спецификации

Burette Max Permissible Errors: Random and Systematic (Master):	Both Comply with ISO8655-3.....Random Error: $\pm 0.05 - 0.1 \%$Systematic Error: $\pm 0.2 - 0.6 \%$
ID на проба:	Up to 16 characters, aphanumeric
IP клас на корпуса:	Fully splashproof chemical resistant lathene
mV, пряко измерване:	-2000 - +2000 mV with record on stable reading or max time
mV, резолюция:	0.1 mV
Number of user programmable methods:	10
PC data transfer software :	Serial RS232 TitraMaster 85
pH Electrode calibration:	1 - 5 Standards, with auto recognition & acceptance criteria
Polarised electrode input:	-1 - +1 mA in 1 μ A step, DC or AC
Printer:	Serial RS232
Result ID:	Up to 16 characters, aphanumeric
TTL вход / изход:	1 Input/1 Ouput 0-5V
Автоматично добавяне на реактив:	1 prior titration starts
Баланс:	Serial RS232
Бюрета: налични обеми:	1 ml, 5 ml, 10 ml, 25 ml & 50 ml
Бюрета: резолюция на двигателя:	18000 стъпки
Бюрета: тип стойка / кран:	Fixed
Вградени блокове за титруване / дозиране:	2 embedded burette motors
Вид:	pH-Stat
Вход за аналогови електроди (висок импеданс):	2 HiZ
Вътрешен метод, капацитет на съхранение:	10
Вътрешен резултат, капацитет на съхранение:	Last 60 FIFO management
Вътрешно калибриране, капацитет на съхранение:	Last 1 FIFO management
Дефинирани от потребителя изчисления на резултатите за пробите:	1 equation per analysis
Диаметър:	(excl. tubing)
Дисплей, тип:	Graphic 128x128 dot LCD protected from spillages with PMP cover
Дължина:	450 mm
Езици:	English, German, Danish, French, Italian, Spanish, Swedish
Защита на паролата:	Up to 10 characters, aphanumeric
Идентификатор на потребителя:	Up to 16 characters, aphanumeric
Изисквания към захранването (Hz):	47.5 - 63 Hz
Изисквания към захранването (напрежение):	115/220 V AC
Инкрементно динамично добавяне на разтвор за титруване:	Incremental dose from 0.01 to 10 mL with record on stable reading or max time

Инкрементно монотонно добавяне на разтвор за титруване:	Incremental dose from 0.01 to 10 mL with record on stable reading or max time
Интервал на калибриране:	1 to 999 days
Интерфейс:	Rubber soft touch alphanumeric keypad.
Метод, идентификатор:	Up to 16 characters, alphanumeric
Метод, свързване / задаване на последователност:	to
Непрекъснато динамично добавяне на разтвор за титруване:	Addition speed from 0.01 to 50 mL/min
Околна среда, условия: относителна влажност:	20 - 80 %
Околна среда, условия: температура:	5 - 40 °C
Постоянна памет:	Battery saved
Потребит. програми:	7 preset: Alkalinty, TAN, Acidity in Juice, SO2 in wine, Chlorides, OH- in Cu bath.
Приети обеми на лабораторната чаша:	5 to 400 mL
Проба, комин на механизъм за смяна:	up to 25 samples
Проба, механизъм за смяна:	Serial RS232 with SAC850
Проба, резултати:	up to 4 results per analysis
Размери (В x Ш x Д):	380 mm x 230 mm x 457 mm
pH директно измерване:	-9 to 23 pH with record on stable reading or max time
pH резолюция:	0.01 pH
Сертификати за съответствие:	CE marking
	cETLus certification
Скорост на разбъркване:	0 to 1100 rpm in 50 rpm steps
Специфична технология:	pH/EP/Stat
Стойка на пробовземател:	Embedded with Magnetic stirring
Тегло:	5 kg excluding reagent bottles.
Температура, резолюция:	0,1 °C
Титруване в инфлексна точка:	1 to 4 Equivalent points
Титруване в крайна точка:	1 to 2 end points