



## TIM865 pH/endepunkt/infleksionspunkt Titreringssystem Titralab 865

Produktnr.: R41T025

**FORÆLDET VARE**  
Denne vare er ikke længere tilgængelig.

### Ready for immediate analysis

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

- End point titration: 1 to 4 pre-set end points
- Inflexion point titration: Auto determination of 1 to 8 inflexion points, with programmable IP acceptance windows
- IP detection using 1st and 2nd derivative curve
- Titration stops at: pH, mV, ml, IP number
- Titration addition techniques: incremental dynamic, incremental monotonic and continuous dynamic
- Titration calibration
- pH electrode calibration: up to 5 points using IUPAC standards or 4-7-10 Series buffers with error recognition on buffer used
- Direct pH/mV measurements with recording on stable reading
- Back titration with manual or automatic reagent addition (with ABU52)
- Sequencing of up to 10 methods
- Coupling of 2 to 4 methods in one beaker
- Method reprocessing

### Intelligent design ensures effortless 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, unique addition technique and special algorithms 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.

### Efficient result recording meets strict traceability requirements

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.

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## Specifikationer

Analog elektrodeindgang (høj impedans):	2 HiZ
Automatisk reagenstilsætning:	1 - 3 simultant eller efterfølgende
Balance:	Seriell RS232
Betjeningsinterface:	Blødt gummibelagt alfanumerisk tastatur
Bruger defineret prøve resultat beregninger:	2 formler pr. analyse med acceptkriterier
Bruger ID:	Op til 16 tegn, alfanumerisk
Burette Max Permissible Errors: Random and Systematic (Master):	±
Burette motor step inddeling:	18000 trin
Burette stativ:	Fast
Burette: Tilgængelige volumener:	1 ml, 5 ml, 10 ml, 25 ml & 50 ml
Bægervolume accepteret:	5 to 400 mL
Certificeringer:	CE mærkning  cETLus certificering
Display:	Grafisk 128x128 pkt. LCD beskyttet mod spild med TPX lag
Electrodes input extension:	op til 4 analoge inputs med ABU52
Embedded titrating / dosing units:	2 indbyggede burette motorer
Endepunkt titrering:	op til 4 Endepunkter
Hukommelse ( NVM):	Batteri gemt
Inflektionspunkts titrering:	op til 8 Ækvivalenspunkter
Intern hukommelse:	sidste 200 FIFO styring
Intern kalibrering lagerkapacitet:	sidste 100 FIFO styring
Intern metode lagerkapacitet:	50
IP klasse, kapsling:	Helt stænkæt kemisk modstandsdygtig lathene
Kalibreringsinterval:	1 - 999 dage
Kodeord beskyttet:	Op til 10 tegn, alfanumerisk
Kontinuerlig dynamisk titrant tilsætning:	Additions hastighed fra 0.01 - 50 mL/min
Kurve/ resultat bearbejdning:	Automatisk eller Manuel
Længde:	450 mm
Metode ID:	Op til 16 tegn, alfanumerisk
Metodekobling/rækkefølge:	op til 6 metoder forbundet i samme bæger
mV nøjagtighed:	-2000 - +2000 mV logger ved stabil måling eller max. tid
mV opløsning:	0.1 mV
Omgivelser: Relativ fugtighed:	20 - 80 %
Omgivelser: Temperatur:	5 - 40 °C
Omrøre hastighed:	0 - 1100 rpm i trin på 50 o/min

PC data transfer software :	Seriell RS232 TitraMaster 85
pH direkte måling:	-9 - 23 pH logger ved stabil måling eller max. tid
pH Electrode calibration:	1 - 5 Standarder, med automatisk genkendelse & acceptkriterier
pH indeling:	0.01 pH
Polarised electrode input:	-1 - +1 i 1 µA trin, DC eller AC
Printer:	Seriell RS232
Prøve resultater:	op til 8 resultater pr. analyse med acceptkriterier
Prøve-ID:	Op til 16 tegn, alfanumerisk
Prøveholder:	Indbygget med magnetisk omrøring
Prøveskifter:	Seriell RS232 med SAC850 & SAC950
Prøveskifter opbygning:	op til 126 prøver
QC prøvestyring:	med acceptgrænser
Result ID:	Op til 16 tegn, alfanumerisk
specifik teknologi:	pH/EP/IP
Sprog:	Engelsk, tysk, dansk, fransk, italiensk, spansk, svensk
Strømkraft (Hz):	47.5 - 63 Hz
Strømkraft (volt):	115/220 V AC
Temperaturområde opløsning:	0,1 °C
Titrant kalibrering:	med acceptkriterier
Titring / udvidet doseringsenhed:	op til 4 med ABU52
Trinvis dynamisk tilsætning af titrant:	Trinvis dosering fra 0.01 - 10 mL logger ved stabil måling eller max. tid
Trinvis monoton tilsætning af titrant:	Trinvis dosering fra 0.01 - 10 mL logger ved stabil måling eller max. tid
TTL input/output:	1 input / 2 Outputs 0-5 V & 0-12 V
Type:	potentiometrisk
Vægt:	5 kg reagensflasker ikke medregnet

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## Påkrævet tilbehør

- B505 Burettop, 5 mL (Item X51T026)