

*The Total Solution for All Your Titration Needs...*

# COM-300A Potentiometric Titrator

Looking for a titrator that is reliable and simple to operate yet expandable and upgradeable? The COM-300A titrator from AQUACOUNTER® offers the total solution- the features you asked for at a price you can afford.

## FEATURES

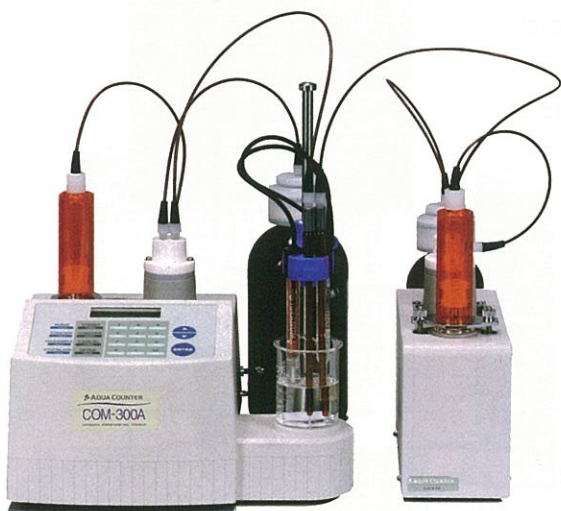
~ the right features at the right price! ~

- Performs pH, acid/base, complexometric, redox, Karl Fischer, non-aqueous titration and ISE measurements.
- Determines TAN/TBN in oils, fats and biofuels.
- Perform sequential 3 step titrations by linking method files
- Helpful CD training movie included!
- All in one accessories kit!
- Compact design with large data capacity
- Balance and computer interfaces for GLP and ISO documentation
- Data acquisition software "AQUANet" is included!



## OPTIONS

- **B-130-20** Additional Buret  
:20mL glass syringe, brown bottle, buret tip included.
- **PR-2000T2** Thermal printer or **PR-302B** Dot impact printer  
:80mm paper width / 58mm paper width
- **K-2000A2S** Additional Stirrer  
:Speed adjustable
- **Volumetric Karl Fischer Titration Kit**  
:Titration cell complete including Indicator electrode
- **M-530** Photometric Titration Unit  
:Control box, optical probe with 650/530 filters



■ COM-300A with additional buret B-130-20



## COM-300A Potentiometric Titrator Standard Specifications

ITEM	SPECIFICATIONS
<b>Titration method</b>	Potentiometric titration (acid/base, redox, precipitation titrations) Polarization titration (for volumetric Karl Fischer titration)
<b>Measuring range</b>	pH: 0 to 14, Resolution 0.01 pH mV: -2000 to +2000mV, Resolution 0.1mV
<b>Electrode inputs</b>	Indicator electrode: 1 Reference electrode: 1 Temperature electrode: 1 Electrode for KF titration: 1
<b>Titration steps</b>	Up to three (3) steps
<b>Number of endpoints</b>	Up to two (2) endpoints
<b>Endpoint detection</b>	Automatic detection by: -Inflection point -Set point -F cross point -B cross point -Meas.(pH measurement) -Disp.(dispensing)
<b>Display</b>	16-Digit x 2-Line LCD with backlighting
<b>Display unit</b>	pH, mV, mgH <sub>2</sub> O, %, ppm, M, g/L, mg/g, Fact 1, Fact 2
<b>pH calibration</b>	2 or 3 points (ASTM/US standard/JIS tables)
<b>File function</b>	30 files for potentiometric titrations 3 files for volumetric Karl Fischer titrations 10 files for titration control method
<b>Calculation function</b>	Concentration, statistics
<b>Data storage capacity</b>	50 titration results with titration curves and parameters Built-in battery for backup
<b>Buret capacity</b>	20-mL, minimum increment volume= 0.01mL Resolution=1/16000 of buret volume
<b>External Input/Output</b>	2 RS-232C ports for Balance and Host, 1 interface for printer
<b>Software</b>	Data acquisition software included.
<b>Standard electrodes in accessories kit</b>	Glass electrode GE-101B and Reference electrode RE-201
<b>Power requirement</b>	AC 100-240V, 50/60Hz, 100VA
<b>Dimensions / Weight</b>	310(W) x 270(D) x 310(H) mm / Approx. 7kg