

# Essential semiconductor process made easy with a titrator!

Automatic Titrator

## COM-A19



Introducing an example of fractional determination  
for TMAH and carbonates

### Real-time titration curve

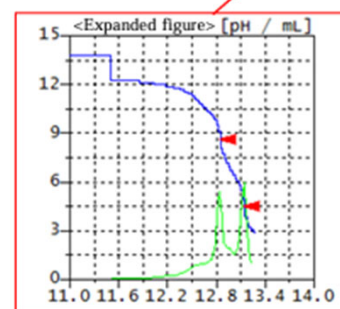
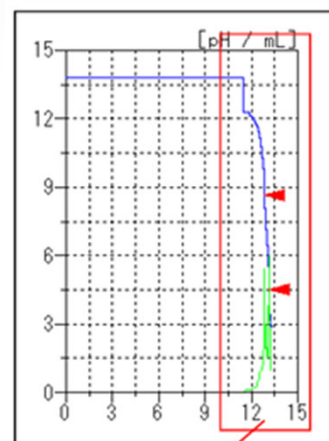
Easy-to-track measurement on the large display

### Automatic Measurement

Brings productive practice to your lab

### Expandable configuration

Customize to your needs with sample changers,  
additional burets and dispensers



## Measurement results

Measurement results of TMAH

Number of Measurement	Size (g)	Titrant Volume (mL)	Concentration (%)
1	25.1153	12.836	2.2864
2	25.1280	12.837	2.2847
3	25.1398	12.839	2.2827
Statistic calculation	Avg.		2.285 %
	SD		0.0019 %
	RSD		0.08 %

Measurement results of carbonates

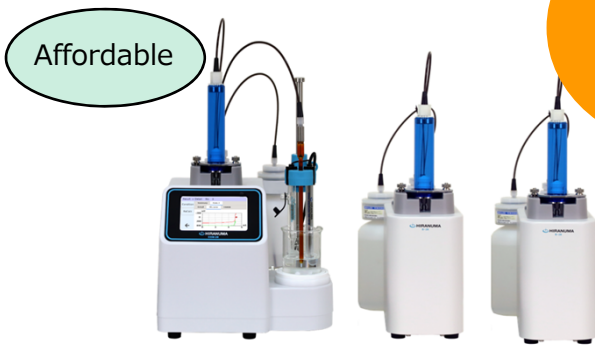
Number of Measurement	Size (g)	Titrant Volume (mL)	Concentration (%)
1	25.1153	0.299	0.1246
2	25.1280	0.303	0.1262
3	25.1398	0.310	0.1291
Statistic calculation	Avg.		0.127 %
	SD		0.0023 %
	RSD		1.80 %

2 easy steps for measurement!



Maintenance is easy with the combination electrode

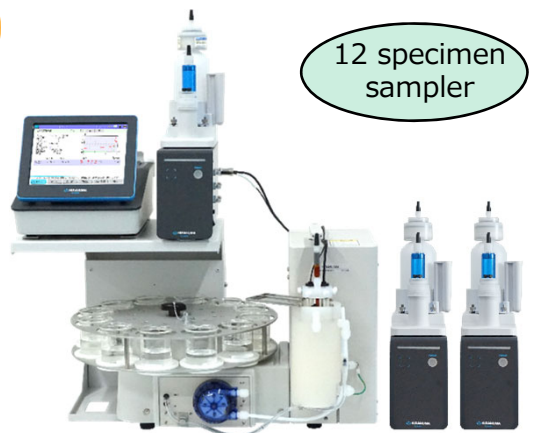
Various configuration for your budget and needs



Affordable

Simple for all users

Budget friendly model With color LCD panel



12 specimen sampler

For frequent automatic measurement with lots of samples



8.4" touch panel

High-end model for heavy users, with bigger monitor and built-in thermal printer



24 specimen sampler

Contact us for more industrial application data and information on the devices