

Easy & stress-free continuous analysis

for Acid and salt

Auto titrator

COM-28S

with the 4.3" color touch panel



Simple
for all
users



COM-28S
with two additional burets

Excellent accuracy

Error free titration with
calculation ready for you

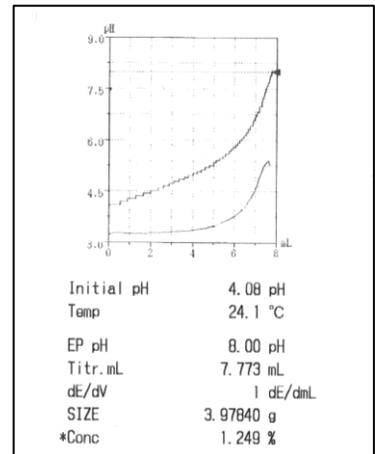
Automatic titration

Brings productive practice
to your lab

Works with colored samples

Potentiometric titration makes
accurate measurement possible
even for colored samples

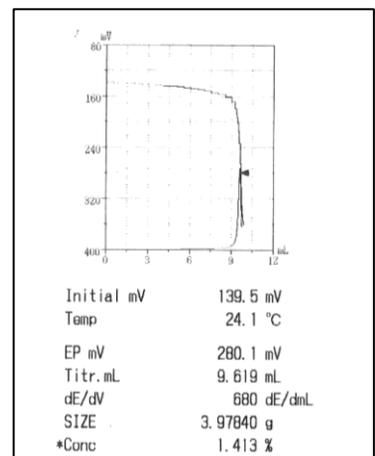
【Acid】 measurement results



【Acid and salt】 results with ketchup samples

No.	Sample volume (g)	Acid (%)	Salt (%)
1	3.8883	1.254	1.407
2	4.0249	1.250	1.407
3	3.9784	1.249	1.413
Adv.		1.251	1.409
SD.		0.002	0.003
RSD.		0.21	0.25

【Salt】 measurement results



Automatic titrator can determine "acidity" in fruit beverage!

Auto titrator COM-28S

with the 4.3" color touch panel

**EASY
TO USE**



Highly Accurate Measurement

There is - No individual error!

No calculation error!

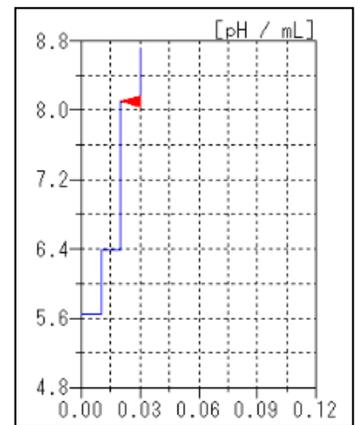
Automatic Measurement

Makes it possible to do other tasks during titration.

Speed-Up Measurement

Arbitrary amount of titrant can be added at once to shorten the measurement time.

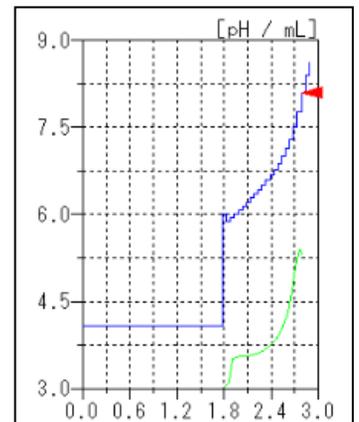
【Blank measurement result】



【Measurement results example for acidity in orange juice】

No.	Sample Size(g)	Titer(mL)	Acidity (%)
1	2.6210	2.782	0.678
2	2.5853	2.743	0.677
3	2.5920	2.751	0.678
		Avg.	0.678%
		SD	0.001%
		RSD	0.085%

【Sample measurement result】



Easy & stress-free continuous analysis for Acid and salt

Auto titrator

COM-28S

with the 4.3" color touch panel

Simple
for all
users



COM-28S
with two additional burets

Excellent accuracy

Error free titration with
calculation ready for you

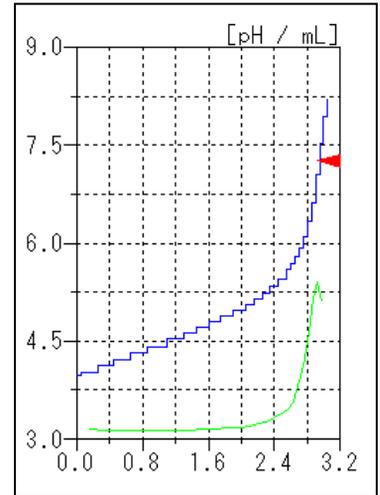
Automatic titration

Brings productive practice
to your lab

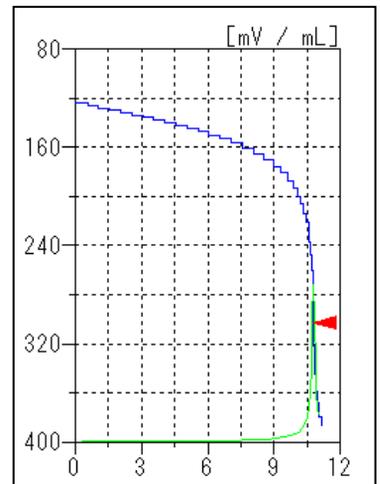
Works with colored samples

Potentiometric titration makes
accurate measurement possible
even for colored samples

【Acid】 measurement results



【Salt】 measurement results



【Acid and salt】 results with salad dressing samples

No.	Sample size (g)	Acid (%)	Salt (%)
1	1.0854	1.637	5.895
2	1.0786	1.642	5.892
3	1.0739	1.643	5.888
Avg.		1.64	5.89
SD		0.0032	0.0035
RSD		0.20	0.06

Easy “Acid in Wine” Analysis

with a Titrator!

Auto titrator

COM-28S

with the 4.3” color touch panel

Excellent accuracy

Error free titration with calculation ready for you



Simple for all users



Automatic titration

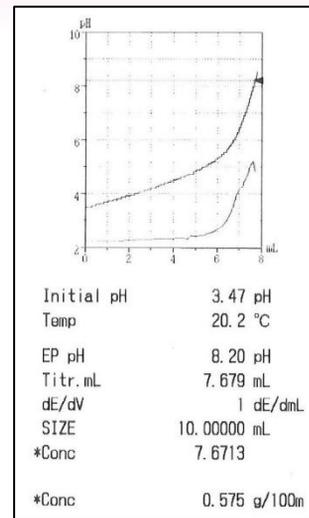
Brings productive practice to your lab

Works with colored samples

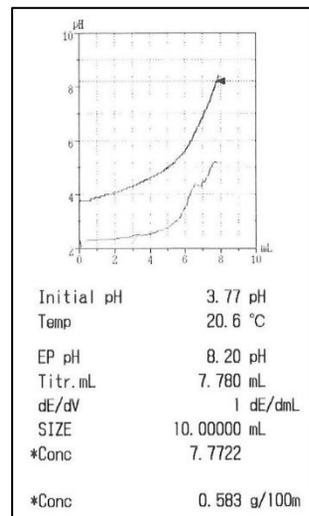
Potentiometric titration makes accurate measurement possible for colored samples

Red, White, Rose, any kind works!

【Acid in white wine】



【Acid in red wine】



【Measurement results of tartaric acid equivalent acidity in white/red wine】

No.	Sample vol. (mL)	Acid [white] (g/100mL)	Acid [red] (g/100mL)
1	10	0.578	0.583
2	10	0.576	0.583
3	10	0.575	0.583
	Adv.	0.576	0.583
	SD	0.001	—
	RSD	0.27	—

Sulfite analysis in wine using the Ripper method!

Auto titrator

COM-28S

with the 4.3" color touch panel



Simple
for all
users



Excellent accuracy

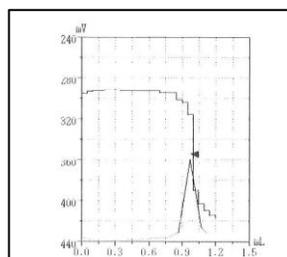
Error free titration with calculation ready for you

Free sulfite acid
in white wine

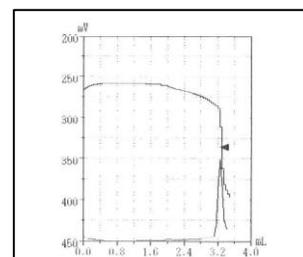
Free sulfite acid
in red wine

Automatic titration

Brings productive practice to your lab



Initial mV 295.4 mV
Temp 20.0 °C
EP mV 354.7 mV
Titration mL 0.976 mL
dE/dV 869 dE/dmL
SIZE 25.00000 mL
*Conc 25.109 mg/L



Initial mV 265.6 mV
Temp 20.0 °C
EP mV 335.2 mV
Titration mL 3.275 mL
dE/dV 723 dE/dmL
SIZE 25.00000 mL
*Conc 84.254 mg/L

Works with colored samples

Potentiometric titration makes accurate measurement possible even for colored samples

Measurement results for free sulfite acid, total sulfite acid in white/red wine

No.	Sample vol (mL)	Free sulfite acid in white (mg/L)	Total sulfite acid in white (mg/L)	Free sulfite acid in red (mg/L)	Total sulfite acid in red (mg/L)
1	25	24.517	112.733	21.842	84.589
2	25	23.977	114.406	22.331	83.688
3	25	25.109	116.438	22.536	84.254
Adv.		24.53	114.52	22.24	84.18
SD		0.57	1.86	0.36	0.46
RSD		2.31	1.62	1.60	0.54

Peroxide value measurement of fats,
edible oils and cooking oils

Simple and accurate measurement for you

Auto titrator

COM-19S

with the 8.4" color touch panel

Error free titration with
calculation ready for you

Simple
for all
users



COM-A19S with POV unit

Excellent accuracy

Automatic titration

Brings productive practice to your lab

【Total Peroxide value】

Results Peroxide price measurement of fats and oils

【Total Peroxide value】
measurement results

	Titration value	Peroxide value
	5.722	27.3900
	5.874	27.9132
	5.832	27.6738
Avg.	0.82	27.3900 meq/kg
SD.	0.0055	0.262 meq/kg
RSD.	0.947 %	0.947 %

Sample is cooking oils

