



AYALYTICAL

Premiere Test Equipment for the Flavors and Fragrances Industries



EXCELLENCE IN QUALITY TESTING FOR FRAGRANCES

SIMPLE • FAST • EFFICIENT



LESS WASTE

Flavor and fragrance samples are precious and expensive. Even with a limited sample size, successful measurement can be done easily and conveniently with AYALYTICAL's equipment:

- Comparatively, AYALYTICAL's equipment requires 40-60% smaller sample sizes
- Much smaller sample sizes equals less waste and reduced expenses



TRAINED IN UNDER 30 SECONDS

Manufacturing flavors and fragrances requires passionate people with expertise combining art and science, turning raw materials into chemical flavors, aromas, and perfumes.

Whether testing in a lab or manufacturing facility, the complexity of special equipment and the processes used by flavor and fragrance manufacturers has required specially trained personnel.

Not with AYALYTICAL Instruments.

Our equipment is designed to be used by an untrained operator. A non-chemist can be trained to reliably operate the equipment in less than 30 seconds; many models include a touch screen interface, fully automated operations, and programming for consistent repeatability.



SPEED IS OF THE ESSENCE

AYALYTICAL's equipment provides results in minutes, not hours:

- A common application is flashpoint testing for ensuring compliance with D.O.T. regulations prior to shipment
- Competitor's equipment may take an hour or more to define the level of HAZARD
- AYALYTICAL's instruments produce accurate results 40-60% faster

AYALYTICAL INSTRUMENTS for testing of Flavors and Fragrances includes:

- **Beverages:** Brix, Density
- **Alcoholic Drinks:** Alcohol Concentration
- **Foods:** Brix, Concentration
- **Fats and Oils:** Density, Specific Gravity
- **Fragrances:** Density, Flashpoint
- **Essential oils and aromatic compounds**
- **Perfumes (alcoholic & non-alcoholic):** flashpoint, alcohol concentration
- **Cannabinoids:** Moisture Analysis

AYALYTICAL INSTRUMENTS: YOUR TESTING REFINED

Alytical Instruments uses top global manufacturers to meet the testing needs of the flavor and fragrance industries. We supply equipment that reliably tests the composition, quality, and integrity of chemical flavors, aromas, perfumes, and related substances - in labs and manufacturing facilities alike.

Whether you are looking to start a new test procedure, improve on your current performance, or simply minimize errors and increase throughput, we have the solutions to meet your testing needs.

Our equipment adheres to standard industry test methods with options that meet the needs of your facility. Each of our instruments is backed by our expert and friendly technical service and support teams.



ERADENS XS

The world's first 5-digit field density meter. It measures density. It is highly robust withstanding harsh environments such as extreme temperatures, high shock loads, and vibrations. It is your analyzer of choice for the measurement of density directly on-site.



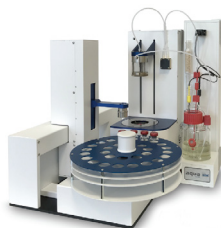
ERADENS X

The world's smallest and lightest D4052 high-precision density measurement. It convinces with a rugged corrosion-resistant aluminum housing with most compact dimensions, still offering a large color touchscreen and a state-of-the-art built-in industry PC.



ERAVISC X

The world's smallest and most rugged kinematic viscometer with lab-grade precision, with revolutionary viscosity cell. It is combined with eralytics unique x-oscillating metal U-tube density meter allowing a simultaneous high -precision density measurement



Aqua 40 Vario Head Space Module and Autosampler

The combination of the Karl-Fischer-Titrator AQUA 40.00 and the headspace technique offers a wide range of applications to determine moisture in solid and pasty samples, oils, and viscous compounds.



ERAFLASH

The safe side of flashpoint testing using the closed cup method, with reduced 1-2 ml sample size, delivering results significantly faster than the competition.



ERAFLASH S10

Combines maximum safety with the highest performance in flash point testing when managing large amounts of high-cost samples each day.



Aquamax KF Portable Titrator

Portable Moisture Analysis with single shot Karl Fischer Reagent



Aquamax KF Plus Titrator

In-lab Moisture Analysis with single shot Karl Fischer Reagent



KEM Refractometer RA-620/RA-600

This precision instrument measures the refractive index of liquid samples.



AYALYTICAL

2787 Fulton St
Chicago, IL 60612
ayalytical.com

USAPH: +1 (312) 476-9292
FX: +1 (312) 268-7111
Email: info@ayalytical.com



AYALYTICAL

Premiere Test Equipment for the Flavors and Fragrances Industries

EXCELLENCE IN QUALITY TESTING FOR FLAVORS

SIMPLE • FAST • EFFICIENT



SPEED IS OF THE ESSENCE

AYALYTICAL's equipment provides results in minutes, not hours:

- A common application is flashpoint testing for ensuring compliance with D.O.T. regulations prior to shipment
- Competitor's equipment may take an hour or more to define the level of HAZARD
- AYALYTICAL's instruments produce accurate results 40-60% faster

TRAINED IN UNDER 30 SECONDS

Manufacturing flavors and fragrances requires passionate people with expertise combining art and science, turning raw materials into chemical flavors, aromas, and perfumes.

Whether testing in a lab or manufacturing facility, the complexity of special equipment and the processes used by flavor and fragrance manufacturers has required specially trained personnel.

Not with AYALYTICAL Instruments.

Our equipment is designed to be used by an untrained operator. A non-chemist can be trained to reliably operate the equipment in less than 30 seconds; many models include a touch screen interface, fully automated operations, and programming for consistent repeatability.

LESS WASTE

Flavor and fragrance samples are precious and expensive. Even with a limited sample size, successful measurement can be done easily and conveniently with AYALYTICAL's equipment:

- Comparatively, AYALYTICAL's equipment requires 40-60% smaller sample sizes
- Much smaller sample sizes equals less waste and reduced expenses



AYALYTICAL INSTRUMENTS for testing of Flavors and Fragrances includes:

- **Beverages:** Brix, Density
- **Alcoholic Drinks:** Alcohol Concentration
- **Foods:** Brix, Concentration
- **Fats and Oils:** Density, Specific Gravity
- **Fragrances:** Density, Flashpoint
- **Essential oils and aromatic compounds**
- **Perfumes (alcoholic & non-alcoholic):** flashpoint, alcohol concentration
- **Cannabinoids:** Moisture Analysis



AYALYTICAL INSTRUMENTS: YOUR TESTING REFINED

Alytical Instruments uses top global manufacturers to meet the testing needs of the flavor and fragrance industries. We supply equipment that reliably tests the composition, quality, and integrity of chemical flavors, aromas, perfumes, and related substances - in labs and manufacturing facilities alike.

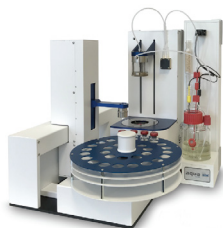
Whether you are looking to start a new test procedure, improve on your current performance, or simply minimize errors and increase throughput, we have the solutions to meet your testing needs.

Our equipment adheres to standard industry test methods with options that meet the needs of your facility. Each of our instruments is backed by our expert and friendly technical service and support teams.



ERADENS XS

The world's first 5-digit field density meter. It measures density. It is highly robust withstanding harsh environments such as extreme temperatures, high shock loads, and vibrations. It is your analyzer of choice for the measurement of density directly on-site.



Aqua 40 Vario Head Space Module and Autosampler

The combination of the Karl-Fischer-Titrator AQUA 40.00 and the headspace technique offers a wide range of applications to determine moisture in solid and pasty samples, oils, and viscous compounds.



Aquamax KF Portable Titrator

Portable Moisture Analysis with single shot Karl Fischer Reagent



ERADENS X

The world's smallest and lightest D4052 high-precision density measurement. It convinces with a rugged corrosion-resistant aluminum housing with most compact dimensions, still offering a large color touchscreen and a state-of-the-art built-in industry PC.



ERAFLASH

The safe side of flashpoint testing using the closed cup method, with reduced 1-2 ml sample size, delivering results significantly faster than the competition.



Aquamax KF Plus Titrator

In-lab Moisture Analysis with single shot Karl Fischer Reagent



ERAVISC X

The world's smallest and most rugged kinematic viscometer with lab-grade precision, with revolutionary viscosity cell. It is combined with eralytics unique x-oscillating metal U-tube density meter allowing a simultaneous high -precision density measurement



ERAFLASH S10

Combines maximum safety with the highest performance in flash point testing when managing large amounts of high-cost samples each day.



KEM Refractometer RA-620/RA-600

This precision instrument measures the refractive index of liquid samples.



AYALYTICAL

2787 Fulton St
Chicago, IL 60612
ayalytical.com

USAPH: +1 (312) 476-9292
FX: +1 (312) 268-7111
Email: info@ayalytical.com