

Density & Refractive Index

All-in-one Analyzer ASCA-6400



Suggesting a new style of quality check

The ASCA-6400 presents a new concept of analysis, consisting of high-precision Density/Specific Gravity Meter, Refractometer and newly-designed Gondola-transfer Sampler with all built in the compact chassis.

- ✓ Accommodates full 48 samples(in 20mL vial) at a time
- ✓ Guarantees high-precision measurement for anybody with ease of use
- ✓ Perfectly fits fragrance, brewing and beverage makers who deal with many testings on a daily basis

Features

- Overview of internal structure with a big cover
- Small sample amount with unique sampling feature
- Gondola-transfer of vials
- Cleaning with three solvents
- Easy connection to network via LAN
- Detailed parameter setting and measurement via PC
- Addition or replacement of sample in the process of measurement
(※The units is to be stopped temporarily.)

Specification

Item	Specification
Name	All-in-one Analyzer
Model	ASCA-6400
Sample	Soft drink, Aroma chemical etc.
Measurement Range	Density : 0 ~ 3.0g/cm ³ (W/O Viscosity correction) Refractive index : 1.3200 ~ 1.7000
Measurement Temperature Range	15 ~ 40°C Setting resolution : 1°C ±0.03°C
Accuracy	Density : ±0.00005g/cm ³ Refractive index : nD ±0.0001
Repeatability	Density : S.D. ±0.00005g/cm ³ Refractive index : S.D. nD ±0.0001
Sample Q'ty(Vial capacity)	48(20mL vial)
Required Volume of Sample	Minimum : Approx. 5.5mL
Vial Transfer Method	Gondola-type transfer ※Addition or replacement of sample in the process of measurement
Sampling Method	Vacuum sampling
Cleaning Sequence	Switching of three cleaning solvent
Automatic Drain	ON/OFF
Power / Power Consumption	AC100V-240V 50/60Hz / Max 300W
Dimension / Weight	420(W)×545(D)×671(H)mm / Approx. 65kg

Accuracy defined according to KEM's standard measurement conditions

Application

Quality control sections of fragrance, brewing and beverage makers testing many samples on a daily basis using two measurement units, Density / Specific Gravity and Refractive index

Samples) Aroma chemicals(Flavor, Fragrance)
Natural Materials, Oil, Extract, Seasoning oil, Deodorants,
Tonic, Skin lotion, Beverages, Foods, etc.

●The specification and design are subject to change without notice for the purpose of improvement of the product.