



EASYDENS
SMARTREF &
PH2GO

BY ANTON PAAR

ANTON PAAR

Great people | Great instruments

- › Founded in 1922
- › Headquartered in Austria
- › 4400+ Employees
- › Leading in density, concentration, CO₂ measurement, and rheometry

Anton Paar ConsumerTec GmbH:

- › Established in 2020
- › Brings cutting-edge technology to end consumers



EASYDENS

DIGITAL DENSITY METER

- › Measures the density and temperature of liquids using oscillating U-tube technology
- › Lab-grade, compact handheld measuring device
- › High accuracy: ± 0.001 (SG) | ± 0.3 (°Brix/°Plato)
- › No calibration required
- › Small sample volume (2 mL)
- › Measurement even when alcohol is present
- › Automatic temperature compensation (ATC)
- › Bluetooth Low Energy
- › Easy to clean
- › Operated via mobile app



SMARTREF DIGITAL REFRACTOMETER

- › Measures the refractive index and temperature of liquids
- › Lab-grade, compact handheld measuring device
- › Accuracy: **± 0.2 °Brix** | Precision*: **± 0.04 °Brix**
- › Requires only 0.4 mL of sample
- › 40+ measurement units
- › Built-in wort and alcohol correction
- › Automatic temperature compensation (ATC)
- › SmartGuide+
- › Bluetooth Low Energy
- › Easy to clean
- › Operated via mobile app

*Precision - Reproducibility standard deviation



EASYDENS & SMARTREF COMBO ALCOHOL METER

Combine the measuring technologies of EasyDens & SmartRef to determine the precise alcohol content of

- › Beer
- › Wine
- › Liqueur and sugar-containing spirits
- › Cider
- › Kombucha
- › Hard Seltzer



pH2Go

DIGITAL pH METER

- › Glass-free, durable ISFET pH sensor
- › Lab-grade, compact handheld measuring device
- › **± 0.02 pH** accuracy from just **0.5 mL** sample
- › pH range **0.00–14.00**; resolution **0.01 pH**
- › Guided calibration (1–5 points) with ATC
- › Temperature accuracy **$\pm 1\%$**
- › Fast readings (≈ 2 s)
- › Supports **DIN, NIST, JIS** & custom buffers
- › Bluetooth Low Energy
- › Easy to clean & store; Waterproof (**IP67**)
- › Operated via mobile app

NEW



MEISTER APPS

for EasyDens, SmartRef & pH2Go



Brew Meister

For Beer, Kombucha
and Hard Seltzer

Determine SG, °Plato, density
and more with the EasyDens
or SmartRef and track the
fermentation of beer, hard
seltzer and kombucha (incl.
%ABV determination).



Wine Meister

For Wine and Cider

Determine °Brix, °Baumé,
°Oechsle, °KMW and more
with the EasyDens or
SmartRef and track the
fermentation of wine with the
EasyDens (incl. %ABV
determination).



Proof Meister

For Spirits and liqueurs

Determine the alcohol content
of your sugar-free spirits with
the EasyDens or of your
liqueurs with the EasyDens &
SmartRef Combo in %v/v,
%w/w, and °Proof US/UK.



Coffee Meister

For Coffee

Determine Total Dissolved
Solids (TDS) with digital
accuracy and calculate
Extraction Yield to refine
coffee strength, acidity, and
sweetness.

MEISTER APPS

for EasyDens, SmartRef & pH2Go



Pet Care Meister

For Pets

Determine urine specific gravity (USG) with lab-grade accuracy, providing essential insights into pet hydration and kidney health.



Reef Meister

For Reef tanks

Determine salinity SG with EasyDens and ppt, PSU and salinity SG with SmartRef to ensure a balanced ecosystem for fish and plants and reef tanks.



Lab Meister

For further projects

Get precise results with the SmartRef Refractometer. Measure refractive index, %water in honey, coffee TDS, °Brix, and more.



Web App

Meistercloud.com

Customers can view their measurement data anytime, anywhere. Data viewing, sharing, and management across all devices.

MEISTER CLOUD

CLOUD BASED DATA HANDLING



- › **Meister Cloud:** Cloud-based data management for EasyDens & SmartRef apps
- › **Free User Account:** Store and access measurement data in the cloud
- › **Private and Secure:** Secure and private cloud storage
- › **Synchronization:** Access and sync data across multiple devices
- › **Backup and Recovery:** Easy data recovery in case of device loss

APPLICATIONS SUMMARY



EasyDens can be used for

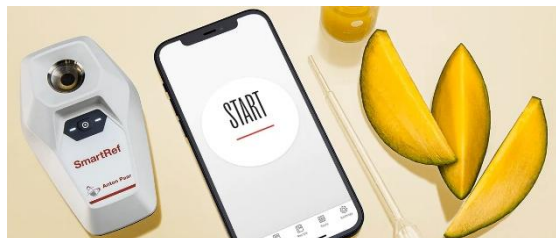
Beer brewing: Extract content of wort, fermentation tracking & est. ABV

Winemaking: Sugar content in grapes, fermentation tracking & estimated ABV

Cider making: Fermentation tracking & estimated ABV

Kombucha & Hard Seltzer brewing: Fermentation tracking & est. ABV

Distilling: Alcohol content in spirits



SmartRef Applications are

Beer: Extract content of wort, fermentation tracking & est. ABV

Wine: Fermentation tracking & est. ABV; sugar content in grapes

Fruits & vegetables: Sugar content

Honey: Moisture & sugar content

Coffee: Total dissolved solids

Saltwater aquariums & pools: Salinity

Athletes & Pets: USG

Industry: Cutting oil concentration, Ethylene/Propylene glycol concentration & freezing point, Sodium chloride concentration



EasyDens & SmartRef Combo

Beer: Alcohol content, original gravity, real extract

Wine: Alcohol content, total extract

Cider: Alcohol content

Liqueur: Alcohol content

Hard Seltzer: Alcohol content

Kombucha: Alcohol content

APPLICATIONS SUMMARY

pH2Go Applications:

Beer brewing
Winemaking
Hydroponics
Agriculture
Aquariums
Pools
Walter & Wastewater
Food & Dairy production
Labs & Education
Industry

