

acaia

2026 Collections

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HORIZON™

NEW PRODUCTS

HORIZON™

ACCESSORIES

Meet the Horizon: an innovative post-extraction pressure modulation device designed to temporarily reduce the ambient pressure surrounding a cup of freshly brewed coffee.

Unlike tools that manage traditional brewing variables such as grind size, water chemistry, temperature, or brew ratio, Horizon operates after extraction. It focuses on the post-extraction maturation phase — the critical minutes in which the coffee rests before the first sip is taken.

By lowering the surrounding air pressure, the device influences the equilibrium between dissolved gases and volatile aromatic compounds within the beverage. This environmental pressure modulation alters how aromatics are released and how dissolved gases behave in the cup, producing a sensory effect described as smoother, rounder, and more integrated.

Horizon introduces pressure as a new variable in coffee sensory exploration, enabling brewers, cafés, and competitors to refine the final expression of a cup after brewing.

- Active Modulation with Integrated Pressure Sensor
- Intuitive Interface with Touch Operation
- Automated Tracking with Built-in Timer
- Broad Cup Size Compatibility
- Adjustable Target Pressure
- USB Type-C Rechargeable

[LEARN MORE](#)



SPECIFICATIONS



Model	AHN101
Dimensions	Ø 87 mm, H 39 mm
Product Weight	257 g ± 5 g
Power Supply	5 V / 500 mA
Battery	Lithium-ion rechargeable 3.7 V 350 mA
Battery Life	Up to 50 uses (varies with duration per use)
Material	Aluminum, Acrylic, Silicone
Connectivity	Bluetooth Low Energy 5.4

COFFEE SCALES



PEARL

COFFEE SCALES

The all-time favorite and award-winning Pearl scale. All classic features included and more thoughtful design that makes coffee brewing precise and easy.

The Real-Time Flow Rate Indicator and additional modes will take your pour over skills to the next level. If you prefer to keep things simple, you can just monitor weight and time as you brew.

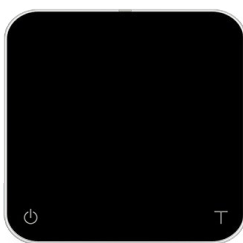
- Real-Time Flow Rate Indicator
- Essential Brewing Modes
- Faster & More Responsive
- Optimized Sunlight Readability
- USB Type-C Rechargeable



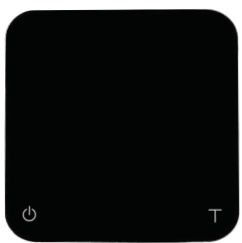
SPECIFICATIONS



Classic White



Classic Black



Pitch Black

Model	AP007 / AP008 / AP009
Dimensions	W 160 mm, L 160 mm, H 32 mm
Product Weight	500 g ± 5 g
Maximum Capacity	2000 g
Minimum Weight	0.1 g
Readability	0.1 g
Repeatability	0.1 g
Resolution	0.01 g
Battery Life	30–40 hours of continuous use (varies with brightness and selected settings)

ACCESSORIES



Pearl
Carrying Case

Model: AA035
W: 184 mm
L: 186 mm
H: 52 mm



Heat
Resistant Coaster

Model: AA024 / AA025
Ø: 100 mm
H: 3 mm



Heat
Resistant Pad

Model: AA031 / AA032
W: 163 mm
L: 98 mm
H: 20 mm

PEARL S

COFFEE SCALES

The Pearl Model S is a professional coffee scale designed to elevate your coffee brewing experience.

It features essential brewing modes, a Real-Time Flow Rate Indicator, and the Acaia Interactive Brewguide. The latest version also includes sound or voice notifications for weight and time, helping you monitor flow rate and refine your pour over technique.

- Real-Time Flow Rate Indicator
- Step-by-Step Interactive Brewguide
- Customizable Brewing Modes
- Portafilter Mode
- Sound and Voice Notifications
- Countdown Timer
- Optimized Sunlight Readability
- USB Type-C Rechargeable



SPECIFICATIONS



Model	PS003 / PS004
Dimensions	W 160 mm, L 160 mm, H 32 mm
Product Weight	620 g ± 5 g
Maximum Capacity	3000 g
Minimum Weight	0.1 g
Readability	0.1 g
Repeatability	0.1 g
Resolution	0.01 g
Battery Life	16–40 hours of continuous use (varies with brightness and selected settings)

ACCESSORIES



Pearl Carrying Case

Model: AA035
W: 184 mm
L: 186 mm
H: 52 mm



Heat Resistant Coaster

Model: AA024 / AA025
Ø: 100 mm
H: 3 mm



Heat Resistant Pad

Model: AA031 / AA032
W: 163 mm
L: 98 mm
H: 20 mm

LUNAR

COFFEE SCALES

The Lunar scale is specifically designed for brewing espresso beverages with precision. Its enhanced water-resistant aluminum and Acaia's own leading industrial weighing technology make it an essential element for any commercial environment and a perfect fit onto espresso machines.

Brew your own way with customizable parameters, a choice of automated brewing modes, and a new Tare Save feature to save the weight of your preferred dosing container. The new Flow Rate Indicator provides visual feedback to help you monitor your extraction in real time, achieve more consistent shots, and adjust more accurately for perfect espresso extractions.

- Real-Time Flow Rate Indicator
- Customizable Espresso Workflow Parameters
- Water Resistant
- Highest Readability down to 0.01 g
- Tare Save
- USB Type-C Rechargeable



SPECIFICATIONS



Black



Space Gray



Beige White

Model	AL009 / AL012 / AL013
Dimensions	W 105 mm, L 105 mm, H 15 mm
Product Weight	265 g ± 5 g
Maximum Capacity	2000 g
Minimum Weight	0.1 g / 0.01 g
Readability	0.1 g / 0.01 g
Repeatability	0.1 g
Resolution	0.01 g
Battery Life	30–40 hours of continuous use (varies with brightness and selected settings)

ACCESSORIES



Lunar
Carrying Case

Model: AA034

W: 131 mm
L: 135 mm
H: 62 mm



Lunar Base

Model: AA009

W: 110 mm
L: 110 mm
H: 8 mm



Heat
Resistant Pad

Model: AA037 / AA038

W: 108 mm
L: 59 mm
H: 12 mm



Weighing Plate

Model: AA007

W: 160 mm
L: 80 mm
H: 3 mm



UMBRA

COFFEE SCALES

The Umbra is Acaia's latest innovative product featuring industrial weighing technology in a minimalist, display-free design.

It communicates measurement information in real time with other Acaia products through Acaia's Magic Relay function and shares the display. The display switches seamlessly between weight changes, and extends your workflow without any interruption. The Umbra series can also work as a standalone scale. Simply connect it with Acaia's apps.

- Display-Free
- Magic Relay Switching Technology
- Energy Efficiency
- Highest Readability down to 0.01 g
- Advanced Water Resistance
- USB Type-C Rechargeable



SPECIFICATIONS

COMPARE WITH LUNAR



Umbra



Lunar Black

Model	AUL001	AL009 / AL012 / AL013
Dimensions	W 105 mm, L 105 mm, H 15 mm	W 105 mm, L 105 mm, H 15 mm
Product Weight	300 ± 5 g	265 g ± 5 g
Maximum Capacity	1000 g	2000 g
Minimum Weight	0.1 g / 0.01 g	0.1 g / 0.01 g
Readability	0.1 g / 0.01 g	0.1 g / 0.01 g
Repeatability	0.1 g	0.1 g
Resolution	0.01 g	0.01 g
Battery Life	40–48 hours of continuous use (varies with selected settings)	30–40 hours of continuous use (varies with brightness and selected settings)

UMBRA DUO

COFFEE SCALES

Compared to the Umbra, it features a double-sized pan, perfect for portafilters or brewing two cappuccinos simultaneously. Real-time data syncs with other Acaia scales via the Magic Relay function, seamlessly updating the display for uninterrupted workflow.

Crafted from anodized aluminum, the Umbra Duo offers stability for demanding commercial use. Its energy-efficient, display-free design extends battery life and it can also function as a standalone scale when connected to a smartphone via Acaia's apps. The Umbra Duo brings unmatched flexibility and efficiency to any coffee bar.

- Display-Free
- Magic Relay Switching Technology
- Energy Efficiency
- Highest Readability down to 0.01 g
- Double-Sized Weighing Pan
- Advanced Water Resistance
- USB Type-C Rechargeable



SPECIFICATIONS

COMPARE WITH UMBRA



Umbra Duo



Umbra

Model	AUL101	AUL001
Dimensions	W 105 mm, L 210 mm, H 21 mm	W 105 mm, L 105 mm, H 15 mm
Product Weight	490 ± 5 g	300 ± 5 g
Maximum Capacity	1500 g	1000 g
Minimum Weight	0.1 g / 0.01 g	0.1 g / 0.01 g
Readability	0.1 g / 0.01 g	0.1 g / 0.01 g
Repeatability	0.1 g	0.1 g
Resolution	0.01 g	0.01 g
Battery Life	40–48 hours of continuous use (varies with selected settings)	40–48 hours of continuous use (varies with selected settings)



PYXIS BLACK

COFFEE SCALES

Pyxis Black sets a new standard of precision for coffee professionals. With ultra-precise resolution down to the one-thousandth of a gram, it delivers unmatched consistency in every shot.

Built on Acaia's ReacX™ industrial weighing technology, Pyxis combines uncompromising performance with refined minimalism. Crafted exclusively for coffee perfectionists.

- 0.001 g Resolution and 0.01 g Sensitivity
- Three Weighing Modes
- Compact and Ultra Portable
- Water Resistant
- USB Type-C Rechargeable



SPECIFICATIONS

COMPARE WITH LUNAR



Pyxis Black

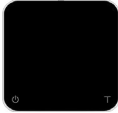


Lunar Black

Model	APS001	AL009 / AL012 / AL013
Dimensions	W 65 mm, L 65 mm, H 13 mm	W 105 mm, L 105 mm, H 15 mm
Product Weight	75 ± 5 g	265 g ± 5 g
Maximum Capacity	500 g	2000 g
Minimum Weight	0.01 g	0.1 g / 0.01 g
Readability	0.01 g / 0.05 g / 0.001 g	0.1 g / 0.01 g
Repeatability	0.01 g / 0.05 g	0.1 g
Resolution	0.001 g	0.01 g
Battery Life	7–8 hours of continuous use (varies with brightness and selected settings)	30–40 hours of continuous use (varies with brightness and selected settings)



COFFEE SCALES COMPARISON

	 Pearl	 Pearl S	 Lunar	 Umbra	 Umbra Duo	 Pyxis Black
Available Colors	  	 	  			
Dimensions (W / L / H)	160 mm 160 mm 32 mm	160 mm 160 mm 32 mm	105 mm 105 mm 32 mm	105 mm 105 mm 15 mm	105 mm 210 mm 21 mm	65 mm 65 mm 13 mm
Product Weight (± 5 g)	500 g	620 g	265 g	300 g	490 g	75 g
Maximum Capacity	2000 g	3000 g	2000 g	1000 g	1500 g	500 g
Minimum Weight	0.1 g	0.1 g	0.1 g / 0.01 g	0.1 g / 0.01 g	0.1 g / 0.01 g	0.01 g

BEAN DOSERS



ORION

BEAN DOSERS

Winner of SCA's 2017 Best New Product Award, the Orion Bean Doser is our original dosing system. Its intuitive dial interface allows you to save three different preset weights and operate in a fully automatic mode for a seamless brewing experience.

Designed for versatility, the Orion Bean Doser can be useful in a variety of settings, from dialing in espresso shots to bagging coffee beans in roasteries. The patent-pending auger was designed to smoothly control coffee beans without any damage.

- Industrial Dose-by-Weight Solution
- Intuitive Dial Interface
- Fully Automatic Mode
- Standalone Scale Mode
- Smart Dose Settings for Different Applications
- Adaptive Dosing System



SPECIFICATIONS



Space Gray



Black



Cool White

Model	AON103 / AON104 / AON105
Dimensions	W 202 mm, L 332 mm, H 377 mm
Product Weight	3070 g ± 10 g
Maximum Capacity	3000 g
Minimum Weight	0.1 g
Readability	0.1 g
Repeatability	0.1 g
Battery Life	Up to 12 hours (varies with usage)

ORION MINI

BEAN DOSERS

The Orion Mini Bean Doser is a perfect solution offering precise control over your doses, with an intuitive dial interface which allows you to save three preset weights and operate in a fully automatic mode.

Designed to match the sleek and functional design of the original 8-inch Orion, the Orion Mini Bean Doser loses no design or functionality in transition. An ideal addition to any compact and busy bar setup. It features the same auger as the Orion for smooth handling of coffee beans to prevent damage.

- Industrial Dose-by-Weight Solution
- Intuitive Dial Interface
- Fully Automatic Mode
- Standalone Scale Mode
- Smart Dose Settings for Different Applications
- Adaptive Dosing System
- Space-Efficient Design



SPECIFICATIONS



Black



Cool White



Space Gray

Model	AON205 / AON206 / AON207
Dimensions	W 202 mm, L 303 mm, H 352 mm
Product Weight	2850 g ± 10 g
Maximum Capacity	3000 g
Minimum Weight	0.1 g
Readability	0.1 g
Repeatability	0.1 g
Battery Life	Up to 12 hours (varies with usage)

ORION NANO

BEAN DOSERS

Winner of SCA's 2023 Best New Product Award, the Orion Nano is the ultimate coffee dosing system for precision and convenience. With its advanced features and reliable performance, it is the perfect tool for anyone who wants to take their coffee brewing to the next level.

- Industrial Dose-by-Weight Solution
- Intuitive Dial Interface
- Fully Automatic Mode
- Standalone Scale Mode
- Smart Dose Settings for Different Applications
- Adaptive Dosing System
- Minimal Footprint
- Orion's Belt Technology



SPECIFICATIONS



Cool White



Space Gray



Black

Model	AON301 / AON302 / AON303
Dimensions	W 163 mm, L 174 mm, H 314 mm
Product Weight	1370 g ± 5 g
Maximum Capacity	500 g
Minimum Weight	0.1 g
Readability	0.1 g
Repeatability	0.1 g
Battery Life	Up to 12 hours (varies with usage)

BEAN DOSERS COMPARISON

			
	Orion	Orion Mini	Orion Nano
Available Colors			
Dimensions (W / L / H)	202 mm 332 mm 377 mm	202 mm 303 mm 352 mm	163 mm 174 mm 314 mm
Product Weight (± 10 g)	2850 g	2850 g	1370 g
Maximum Capacity	3000 g	3000 g	500 g
Minimum Weight	0.1 g	0.1 g	0.1 g

COFFEE GRINDERS



ORBIT

COFFEE GRINDERS

The Acaia Orbit coffee grinder blends modern design with Acaia's proprietary technology. When paired with the Lunar scale, it excels in precision with its Grind-by-Weight functionality and ensures exact dosing for every grind.

Dive into the Orbit app to gain full control of your grinder. You can customize the grinder to match your workflow or fine-tune your coffee flavor with the RPM (revolutions per minute) profile. The newly introduced Reverse-and-Adjust feature simplifies switching between coarse and fine grinds, ideal for alternating between filter coffee and espresso.





MULTI-PURPOSE HOPPER & PRECISION GRIND CONTROL

The Multi-Purpose Hopper supports both single-dose and batch grinding, with hopper options up to a 2 kg capacity. A stepless adjustment dial enables smooth, precise grind control from espresso to filter, with model-specific dial and detent ring designs to help mark grind size positions.

GRIND-BY-WEIGHT CONSISTENCY

Integrated with the Lunar scale, Orbit delivers exact dosing for every grind. It supports both single and batch modes with an automated start-stop function, optimizing workflow consistency and efficiency.

BURR ALIGNMENT & MANUFACTURING PRECISION

Each Orbit grinder is thoroughly tested after assembly to ensure proper functionality, burr alignment, and grind quality. Optical imaging software is used to evaluate grind uniformity, and all components are manufactured within strict tolerance standards to achieve optimal burr alignment.

RPM STABILITY CONTROL TECHNOLOGY

The RPM Stability Control Technology is our proprietary technology designed specifically for the Orbit grinder to deliver exceptional consistency and precision. This advanced feature ensures the grinder maintains a steady RPM throughout the entire grinding process, overcoming a common challenge faced by traditional grinders.

PERSONALIZE YOUR ORBIT

Enhance your coffee-grinding experience with the Orbit companion app. We designed the Orbit app to personalize your workflow. Adjust the grinding speed from 600 to 1500 RPM, personalize button actions, and save unique profiles for grinding by weight or time. The newly introduced Reverse-and-Adjust feature allows an effortless transition between coarse and fine grinds. It is ideal for baristas who oscillate between filter coffee and espresso daily.

ENERGY EFFICIENT

Acaia believes that it is our social responsibility to be conscious of our environmental impact. Developed with our in-house technology, the Orbit is built to reduce energy consumption while still delivering high industrial performance and smarter grinding.



64 MM BURRS

To accompany its precision engineering, the Orbit grinder includes a selection of burrs to cater to both traditional and contemporary flavor profiles.

Mazzer 33M

Designed for classic espresso styles, these burrs also make delicious shots with modern lighter roasts. When brewing for filter, they excel at balanced flavor and higher texture.



SSP Multi-Purpose

Ideal for high-clarity brews, these burrs offer versatility, excelling in modern espresso styles and light filter coffee with excellent consistency.



SSP Lab Sweet V3

Crafted for superior balance, these burrs build on the popularity of the Lab Sweet V1/ V2 for filter coffee and now also work with espresso, offering a wide range of brewing options for a sweeter cup.



SPECIFICATIONS



Black



Space Gray



Beige White

Model	AOT007 / AOT008 / AOT009 / AOT010 / AOT011 AOT012 / AOT013 / AOT014 / AOT015
Dimensions	W 108 mm, L 266 mm, H 394 mm
Rated Voltage	100–240 V
Frequency	50/60 Hz
Motor	200 W Brushless DC Motor
Operating Ambient Temperature	0–40°C
RPM Profile	600–1500 Adjustable RPM Profile
Duty Cycle	Recommended duty cycle for Orbit is 60 s running time with a rest time of 30 s

ACCESSORIES



ION BEAM

ACCESSORIES

Ion Beam eliminates static electricity generated during grinding. Designed to mount on the Orbit or function as a portable accessory, it works seamlessly with different grinders.

Powered by an industrial-grade ion generator, Ion Beam significantly reduces static, resulting in less retention, less flying chaff, and minimal clumping. A built-in IR motion sensor activates the ionizer automatically when a container is detected, ensuring a smoother and more efficient grinding workflow.

- Fast and Concentrated Ion Generation
- Negative and Positive Static Neutralization
- Better Coffee Grinding Experience
- Motion Sensing Auto-Start
- Portable and Mountable Design

Model: AIM101 / AIM102 / AIM103

Ø: 42 mm

L: 127 mm



CALIBRATION WEIGHTS

ACCESSORIES

Acaia Calibration Weight 500 g

Model: AA006

Ø: 49 mm
H: 33 mm



Acaia Calibration Weight 100 g

Model: AA004

Ø: 29 mm
H: 20 mm



BREW STANDS

ACCESSORIES



Titan Brew Stand

Model: SA001

W: 202 mm

L: 202 mm

H: 187 mm

Atlas Brew Stand

Model: SA002

W: 156 mm

L: 122 mm

H: 163 mm

CUPS

ACCESSORIES



**53 mm
Portafilter
Dosing Cup**

Model: SA003 / SA004

Ø: 40 mm
H: 65 mm



**Double
Insulated Cup
4 oz / 120 ml**

Model: AA065 / AA066 /
AA067 / AA069

Ø: 73 mm
H: 74 mm



**58 mm
Portafilter
Dosing Cup
Small**

Model: AA044 / AA045 / AA047

Ø: 45 mm
H: 75 mm



**Spouted Double
Insulated Cup
4 oz / 120 ml**

Model: AA060 / AA061 /
AA062 / AA068

Ø: 76 mm
H: 74 mm



**58 mm
Portafilter
Dosing Cup
Medium**

Model: AA042 / AA043 / AA046

Ø: 68 mm
H: 80 mm



**Mini
Tasting Cup
2 oz / 60 ml**

Model: AA084

Ø: 55 mm
H: 57 mm



BEAN HOPPERS

ACCESSORIES



Hopper 2 kg

Model: AA048
Material: PC

Ø: 202 mm
H: 279 mm



Hopper 750 kg

Model: AA030
Material: PC

Ø: 141 mm
H: 206 mm



Hopper 520 kg

Model: AA051
Material: PC

Ø: 202 mm
H: 90 mm



Hopper 250 kg

Model: AA049
Material: PC

Ø: 163 mm
H: 98 mm



Multi-Purpose Hopper

Model: AA050
Material: Aluminum

Ø: 75 mm
H: 57 mm

APPLICATIONS





Acaia Orbit

Use the Orbit app to gain advanced control over the Orbit. You can fully customize your Orbit by adjusting the main button actions, RPM profiles, and other settings.



Brewguide

Brewguide is a companion app designed to work with the Pearl S. You can search or create a brewguide for the Pearl S, and discover new beans and brewing prints from your favorite roasters.



Brewmaster

For the coffee lover who wants to quickly visualize their brewing process with minimum fuss, our Brewmaster app is the answer. A great option for espresso.

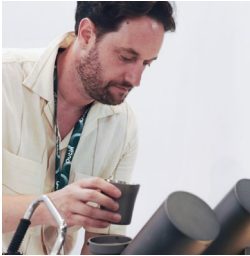


Acaia Updater

Use the Acaia Updater app to download and learn about the latest firmware releases and updates for a range of our products.*

*If you purchased the Pearl prior to 2021, please use the Pearl Updater app.

COMPETITION



Swiss Barista Championship 2026 1st Place

Mathieu Theis

Born in France and now based in Switzerland, Mathieu co-founded the world-famous MAME. He believes specialty coffee can transform lives, as it did his. He seeks exceptional green coffee to roast and dedicates himself to growing the specialty community in Zurich and beyond.



Japan Brewers Cup 2025 2nd Place

Yasuo Ishii

A representative of LEAVES COFFEE ROASTERS, the self-taught roaster and barista was once a professional boxer. Based in Fukagawa, Tokyo, Yasuo has over 20 years of experience in the restaurant industry, including its direction and management.



Japan Brewers Cup 2024 1st Place

Daiki Hatakeyama

The founder of BESPOKE COFFEE ROASTERS and based in Saitama, Tokyo, Daiki views coffee as both art and connection. A dual champion in Japan, he also became the World Brewers Cup silver medalist in 2021. He blends diverse origins, processes, and roast profiles to create balanced, complex cups.



Japan Brewers Cup 2024 2nd Place

Emi Ito

Emi shares meaningful coffee stories through her brewing at BARISTA MAP COFFEE ROASTERS. Her competition coffee, Colombia El Diviso Luwak Ombligon, highlights the innovations of producer Nestor and world champion Mikael Jasin.

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