

B L O O M

nucleus

“Bloom is an essential part of my coffee brewing routine. The design ensures even distribution every time, unlocking the sweetness and clarity I’m looking for. The Bloom delivers the details that truly make the difference.”

Martin Wölfel

2024 World Brewers Cup Champion
Nucleus Coffee Tools Ambassador



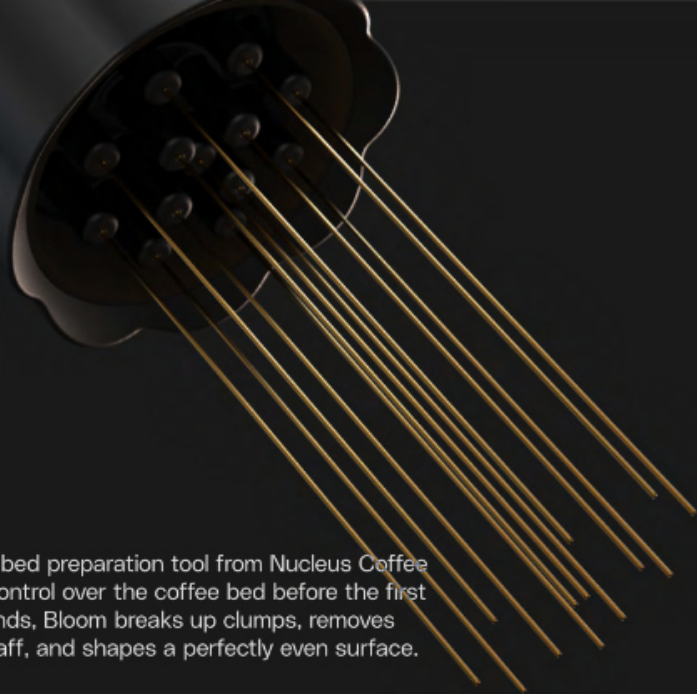
Inconsistent extractions?
Uneven saturation?
Choked brews?

Bloom was designed to fix them all.

Introducing **B L O O M**



the brewing problem solver



B L O O M

This next-generation brew bed preparation tool from Nucleus Coffee Tools gives brewers total control over the coffee bed before the first drop of water hits. In seconds, Bloom breaks up clumps, removes hidden air pockets, lifts chaff, and shapes a perfectly even surface.

faster saturation

smoother flow

consistent everytime

The Result

Faster saturation, smoother flow, and more consistent cups, every time. Whether you brew in a café, at home, or on a competition stage, Bloom delivers clarity, control, and confidence in every brew.





1

Retractable design

Bloom features an innovative retractable design powered by a precision inner helix mechanism for smooth, controlled movement.

2



Straight needles

The Bloom straight needle configuration allows the needles to reach into the deepest part of the coffee bed.



before



after

breaks up clumps
redistributes density
removes air pockets

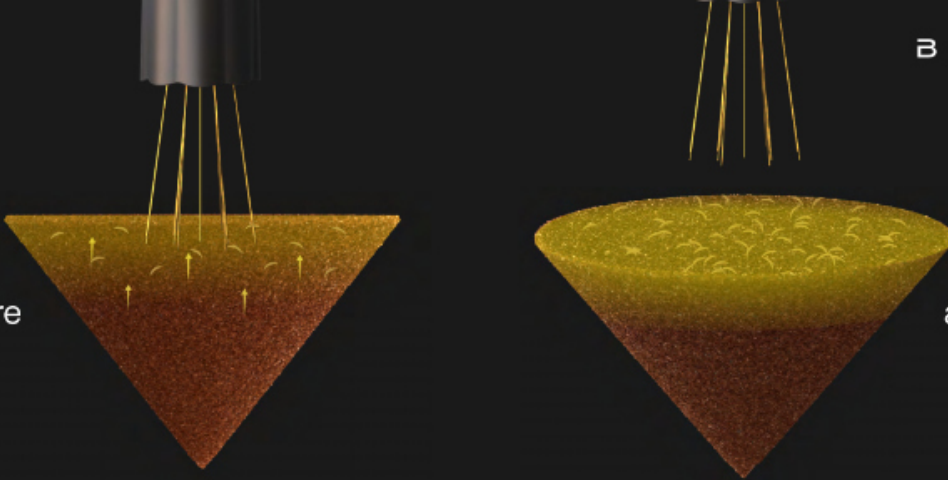
Why it matters

Your bloom starts evenly from the inside out, giving you a stable, consistent extraction.

Fan needles



The Bloom fan needle configuration sweeps the top layer of the coffee bed and lifts chaff and light particles to the surface.



The diagram illustrates the process of coffee chaff being lifted by a filter. On the left, labeled 'before', a grey cylindrical filter is positioned above a brown coffee bed. Several thin, golden-yellow lines representing coffee chaff are shown rising from the coffee bed towards the filter. On the right, labeled 'after', the same filter is shown, but the coffee bed is now topped with a thick, yellowish layer of coffee chaff, indicating that the chaff has been successfully lifted and trapped by the filter.

before

after

lifts chaff

prevents blockages

smoother brews

Why it matters

Lifting the chaff enables faster, smoother brews with less risk of choking or clogging.

4



Titanium advantage

Every needle is coated in gold Titanium Nitride (TiN).

8x harder

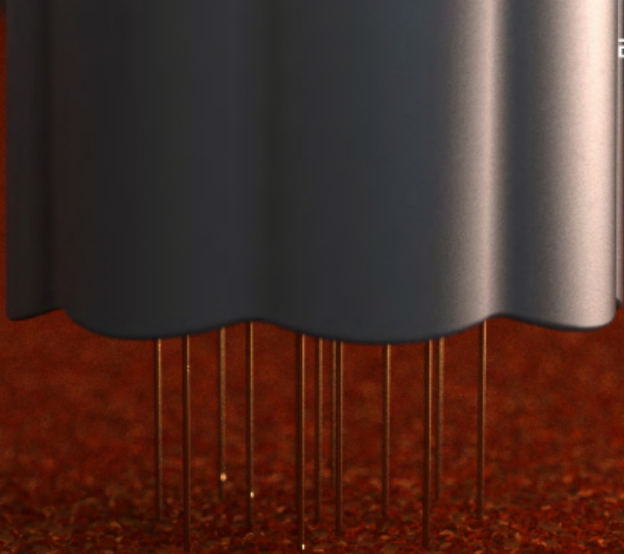
8x harder than stainless steel – resists bending and wear.

Smooth glide

Low-friction surface glides through grounds without disturbing the bed structure.

20% more static lift

20% more static absorption than stainless – attracts and lifts fines and chaff for better clarity.



5

FlowTip™



On the reverse side, Bloom features FlowTip, a shaping tool that creates a precise divot in your coffee bed before pouring.



with
FlowTip

without
FlowTip

30-40% faster, even saturation
reduces bubbling
minimises channelling

Why it matters

Reduces bubbling after the first 10-15 seconds, meaning CO₂ escapes quickly and evenly. Minimising channelling for a smoother, cleaner brew.

Why brewers love Bloom

1

Designed with the needs of
filter brewing in mind



2

Works across all brewer shapes
(cone, flat bed, immersion,
espresso baskets, etc.)



3

Improves cup quality
and consistency



“Bloom was developed to elevate your filter coffee. Whether at home, behind the bar, or on the competition stage, it’s designed to help you consistently brew your best. Wherever you brew, we want you to brew with the confidence of a champion.”

Sam Corra

2017 World Brewers Cup Runner-up

Director of Nucleus Coffee Tools



“Coming from a barista background, I was always eager to find ways to brew better and more consistently. Bloom was developed from that desire to provide baristas and coffee enthusiasts with an easy, repeatable solution to the challenges I also faced every day. With Bloom, we now have a tool that makes consistency straightforward and helps to build confidence in every cup of coffee you make.”

Sasa Sestic

2015 World Barista Champion
Founder of Nucleus Coffee Tools



World first access

Available now for
Global Launch Ordering



Includes

1 x Bloom WDT
1 x 15 Titanium Nitride Coated Needles
Optional: Spare Needle Pack (15 needles)

Contact your Nucleus rep for pricing

Ready to
brew better?