

A BEAUTIFUL BLEND OF
ACCURACY + ROI

 **Hauschild**
SpeedMixer[®]

**Legendary Reliability
Meets Revolutionary
Intelligence For 2026**

#MixingWithTheBest

HAUSCHILD SPEEDMIXER[®] **SMART** DAC PORTFOLIO

VACUUM DEGASSING FORMULATION INSTRUMENTS
250gm - 2kg + 5ml - 3.0ltr Capacity
Live Temperature Control - 20% Extra Power



Know How. Craftsmanship. Innovation.
Smart-DAC - The most advanced DAC mixer ever built by Hauschild SpeedMixer[®]

In 52 years since our founder Gerd-Ulrich Schmidt invented the Hauschild SpeedMixer® and with it, ushered in a new era of DAC (Dual Asymmetric Centrifugal) mixer technology. We combined decades of craftsmanship, precision engineering and expertise with SMART innovations. Our first generation Smart-DAC allowed us to revolutionise DAC mixing **again**, by adding modern day technology creating our SMART features.

INTELLIGENCE + POWER BLEND TOGETHER PERFECTLY IN THE MOST ADVANCED SPEEDMIXER™



What does SMART mean to us?

Speed -

new motor with more power for faster rotation and higher G G-forces. Twin-motor configuration for Variable Counter Rotation.

Mechanical Art -

more stable mechanical configuration for zero vibrations at very low mixing speed.

Automation -

IoT compatible, QR-Code reader, programmable cycles, sensors integration.

Robotic -

easy integration in robotic system, servo motor, and the new and unique vacuum robotic version.

Temperature Control + Regulation

by combining temperature reading with an automatic cooling system.



Enjoy the beauty of precision and **mix the “unmixable”** from our first Hauschild SpeedMixer® Smart-DAC generation. Many other unique factory fit options will enhance your mixing process.

HIGHER VOLUME AND HEAVIER WEIGHT CAPACITY

As every application is different, we increased the mixing weight offering far more choices to you. Our Smart-DAC portfolio allows mixing weights from 250g up to 2kg maximum.

All 2026 Smart-DAC instruments are available with mixing volumes up to 3.0 litres.
Choose the best solution that to suit your material formulation needs.



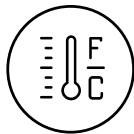


UNIQUE FEATURES

The following innovative features are available on all Smart-DAC instruments:



SENSOR INTEGRATION
(humidity, gas detection,
fire + smoke,...)



**LIVE MATERIAL
TEMPERATURE
CONTROL AS YOU
MIX**



**QR CODE
READER**



**INTERNET OF
THINGS
CONNECTIVITY**



**AUTOMATIC +
PROGRAMMABLE
COOLING SYSTEM**

- ⌚ Variable Counter Rotation
- ⌚ Up to 500 Digital Programs Each With 6 Mixing Phases
- ⌚ Up to 36 Phases With Independent Acceleration / Deceleration Control
- ⌚ Up to 30 Minutes Mixing Time
- ⌚ LED Chamber Light with switchable Strobe function

Your Hauschild team will support you configuring a Smart-DAC solution according to your needs. Safe, Fast and Highly sophisticated. Very easy to use and will enhance your daily through put significantly.

R.O.I

Time saving, SAFE and almost maintainance free. Robust, reliable and precision engineered to last decades. These are principle reasons that any Smart-DAC Hauschild SpeedMixer® instrument represents a **FAST Return On Investment**.

Made In Germany

Hauschild Engineering invented, developed and hand built all of its DAC Dual Asymmetric Centrifuges in Germany for over five decades. Devoted to offering customers a unique product for R&D Laboratories worldwide.

We Create Standards

More than 900 patents have been developed using DAC and Smart-DAC Hauschild SpeedMixer® instruments to date. The Smart-DAC portfolio will continue to grow so do ask your distributor for periodical updates.



2026 Smart-DAC HAUSCHILD SPEEDMIXER®
THE BEAUTY OF PRECISION



THREE YEARS IN THE MAKING THAT CHANGED BLADELESS MIXING FOREVER.

The modern generation of ultra-intelligent DAC Hauschild SpeedMixer® technology

NON-VACUUM MODELS

Hauschild SpeedMixer®	Mixing Weight (g) ¹	Mixing Volume (ml) ²	Max. Speed (rpm)
SMART-DAC 400.3 FVZ LR	400	1000	2400
SMART-DAC 600.3 FVZ LR	600	1000	2200
SMART-DAC 700.3 FVZ LR	700	1000	2000
SMART-DAC 800.3 FVZ LR	800	1000	1850
SMART-DAC 1100.3 FVZ	1100	2000	1700
SMART-DAC 1500.3 FVZ	1500	2800	1400
SMART-DAC 2000.3 FVZ	2000	2800	1200

WITH VACUUM DEGASSING

Hauschild SpeedMixer®	Mixing Weight (g) ¹	Mixing Volume (ml) ²	Max. Speed (rpm)
SMART-DAC 250.4 VAC-P LR	250	375	2500
SMART-DAC 400.4 VAC-P LR	400	1000	
SMART-DAC 600.4 VAC-P LR	600	1000	
SMART-DAC 700.4 VAC-P LR	700	1000	
SMART-DAC 800.4 VAC-P LR	800	1000	
SMART-DAC 1100.4 VAC-P	1100	2000	
SMART DAC 1500.4 VAC-P	1500	2800	
SMART-DAC 2000.4 VAC-P	2000	2800	

All 2026 instruments are available as a Robotic Vacuum / Robotic non-vacuum models

¹ Total weight capacity - Including material(s), YSZ ceramic grinding media, PP Mix Cup, Lid + Holder

² Each Smart-DAC is optionally available with any standard sized Hauschild SpeedMixer® mixing basket upto 3.0ltrs.

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THE BEAUTY OF PRECISION

Are you #MixingWithTheBest ?

