

A BEAUTIFUL BLEND OF  
ACCURACY + ROI



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?

#### **S**peed -

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

#### **M**echanical Art -

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

#### **A**utomation -

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

#### **R**obotic -

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

#### **T**emperature 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 Independant 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) <sup>1</sup>	Mixing Volume (ml) <sup>2</sup>	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) <sup>1</sup>	Mixing Volume (ml) <sup>2</sup>	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*

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

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

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Are you #MixingWithTheBest ?



**Hauschild**  
**SpeedMixer®**

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