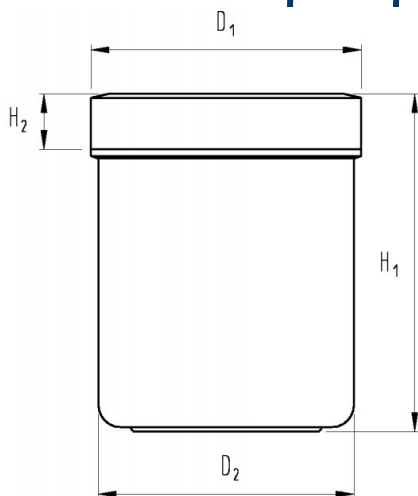


PP Mix Cup - Specification Sheet



Material Polypropylene (PP)

Colours: White, Transparent, Black

Bespoke colour options are available on a made to order basis. MOQ applies.

White PP Mix Cups – Food Approved Plastic

Please contact us for further details.

PP Mix Cups from Hauschild. Manufactured in Germany to strictly controlled tolerances and exacting standards for optimum quality and consistent, repeatable mixing results from your Original Hauschild SpeedMixer®. PP Mix Cups, closure lids, inner lid seals and optional safety seals are very robust offering excellent resistance to leakage, abrasion, impact and heat distortion.

Suitable for mixing, grinding/milling of R&D formulations, production batches or finished products.

PP Mix Cup Technical Data

PP Mix Cup	Vol (ml)	Ø D ₁ (mm)	Ø D ₂ (mm)	H ₁ (mm)	H ₂ (mm)	Optimal Volume (ml)	Optimal Fill (gms)
PP5	6	29	26	17	5	5 – 6	2 – 5
PP10	12	29	26	31	5	10 – 12	2 – 8
PP15	25	38	34	40	7	20 – 25	5 – 20
PP30	60	45	42	56	10	50 – 60	15 – 55
PP50	90	56	53	52	11	75 – 95	25 – 65
PP50 Long	125	56	53	67	11	100 – 125	25 – 70
PP100	185	73	69	60	13	150 – 185	55 – 105
PP100 Long	250	73	69	78	13	200 – 250	55 – 105
PP150	310	81	76	81	15	250 – 310	70 – 150
PP250	500	96	90	91	16	400 – 500	100 – 250
PP250 Long	625	96	90	112	16	500 – 625	125 – 315
PP300	750	113	106	98	17	600 – 750	130 – 450
PP300 Long	1000	113	106	128	17	800 – 1000	250 – 600
PP1200	1200	123	112	133	18	1000 – 1200	315 – 720
PP2000	2000	140	132	167	17	1200 – 2000	600 – 1800

Are you #MixingWithTheBest !?

PP Mix Cup Holders



Holders for single or multiple cavity PP Mix Cups are made from lightweight, chemical-resistant material. We will manufacture bespoke holders allowing flexibility to use your own internal /syringe/vial system in any Hauschild SpeedMixer®. ESD / Non- static options are also available.

PP Mix Cup Holder Compatibility Chart

PP Mix Cup	DAC150 Series	DAC250 Series	DAC400 Series	DAC600 Series	DAC800 Series	DAC1100 Series	Any SMART DAC
PP5	●	●					●
PP10	●	●	●	●			●
PP15	●	●	●	●			●
PP30	●	●	●	●			●
PP50	●	●	●	●	●	●	●
PP50 Long	●	●	●	●	●	●	●
PP100	●	●	●	●	●	●	●
PP100 Long	●	●	●	●	●	●	●
PP150		●	●	●	●	●	●
PP250/250L			●	●	●	●	●
PP300			●	●	●	●	●
PP300 Long			●	●	●	●	●
PP1200						●	●
PP2000							●

- Compatible with Original Hauschild SpeedMixer® formulation instruments.
- Only fits DAC150.1/250.1 with -K 'High Top Lids'
- Does not fit the DAC400.2 VAC-P.
- Compatible with SMART-DAC Hauschild SpeedMixer® formulation instruments

Subject to modifications – Last updated 29-Feb-2024

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DAC 2025 PRODUCT RANGE



Hauschild
SpeedMixer®

	DAC 150.3 FV	DAC 150.3 FVZ	DAC 250.3 FV	DAC 250.3 FVZ
Mixing capacity Min/Max [g] / [lb]:	100 - 150 / 0,22 - 0,33		150 - 250 / 0,33 - 0,55	
Mixing speed Min/Max [rpm]:	300 - 3500		300 - 2500	
Mixing time Min/Max [s]:	5s - 60s	5s - 300s	5s - 60s	5s - 300s
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz			

	DAC 150.3 SP	DAC 250.3 SP
Mixing capacity Min/Max [g] / [lb]:	100 - 150 / 0,22 - 0,33	150 - 250 / 0,33 - 0,55
Mixing speed Min/Max [rpm]:	300 - 3500	300 - 2500
Mixing time Min/Max [s]:	5s - 600s	
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz	

	DAC 400.1 FVZ	DAC 600.1 FVZ	DAC 700.1 FVZ	DAC 800.1 FVZ	DAC 1100.1 FVZ
Mixing capacity Min/Max [g] / [lb]:	250 - 400 / 0,55 - 0,88	300 - 600 / 0,66 - 1,32	350 - 700 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76	300 - 1100 / 0,66 - 2,43
Mixing speed Min/Max [rpm]:	800 - 2750	800 - 2350	800 - 2100	800 - 1950	800 - 1600
Mixing time Min/Max [s]:	5s - 600s				
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz				

	DAC 400.1 FVZ LR	DAC 600.1 FVZ LR	DAC 700.1 FVZ LR	DAC 800.1 FVZ LR
Mixing capacity Min/Max [g] / [lb]:	250 - 400 / 0,55 - 0,88	300 - 600 / 0,66 - 1,32	350 - 750 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76
Mixing speed Min/Max [rpm]:	800 - 2300	800 - 2100	800 - 1850	800 - 1750
Mixing time Min/Max [s]:	5s - 600s			
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz			

	DAC 400.2 VAC-P	DAC 600.2 VAC-P	DAC 700.2 VAC	DAC 800.2 VAC-P	DAC 1100.2 VAC-P
Mixing capacity Min/Max [g] / [lb]:	250 - 400 / 0,55 - 0,88	300 - 600 / 0,66 - 1,32	350 - 700 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76	300 - 1100 / 0,66 - 2,43
Mixing speed Min/Max [rpm]:	800 - 2500	800 - 2350	800 - 2100	800 - 1950	800 - 1600
Mixing time Min/Max [s]:	5s - 600s				
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz				

	DAC 400.2 VAC-P LR	DAC 600.2 VAC-P LR	DAC 700.2 VAC LR	DAC 800.2 VAC-P LR
Mixing capacity Min/Max [g] / [lb]:	250 - 400 / 0,55 - 0,88	300 - 600 / 0,66 - 1,32	350 - 700 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76
Mixing speed Min/Max [rpm]:	800 - 2300	800 - 2100	800 - 1850	800 - 1750
Mixing time Min/Max [s]:	5s - 600s			
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz			

	DAC 3000.3 FVZ	DAC 5000.3 FVZ	DAC 10000.3 FVZ
Mixing capacity Min/Max [g] / [lb]:	1500 - 3000 / 3,31 - 6,61	2500 - 5000 / 5,51 - 11,02	3500 - 10000 / 7,72 - 22,05
Mixing speed Min/Max [rpm]:	50 - 1000	50 - 800	50 - 800
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	400 VAC / 480 VAC - 50 Hz / 60 Hz		

	DAC 3000.4 VAC-P	DAC 5000.4 VAC-P	DAC 10000.4 VAC-P
Mixing capacity Min/Max [g] / [lb]:	1500 - 3000 / 3,31 - 6,61	2500 - 5000 / 5,51 - 11,02	3500 - 10000 / 7,72 - 22,05
Mixing speed Min/Max [rpm]:	50 - 900	50 - 800	50 - 600
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	400 VAC / 480 VAC - 50 Hz / 60 Hz		



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SMART-DAC 2025 PRODUCT RANGE



Hauschild
SpeedMixer®

	SMART DAC 400.3 FVZ LR	SMART DAC 600.3 FVZ LR	SMART DAC 700.3 FVZ LR	SMART DAC 800.3 FVZ LR
Mixing capacity Min/Max [g] / [lb]:	250 - 400 / 0,55 - 0,88	300 - 600 / 0,36 - 1,32	350 - 700 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76
Mixing capacity Max [ml] / [gal]:	1000 / 0,26	1000 / 0,26	1000 / 0,26	1000 / 0,26
Mixing speed Min/Max [rpm]:	50 - 2400	50 - 2200	50 - 2000	50 - 1850
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)			
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz			

	SMART DAC 250.4 VAC-P LR	SMART DAC 400.4 VAC-P LR	SMART DAC 600.4 VAC-P LR	SMART DAC 700.4 VAC-P LR	SMART DAC 800.4 VAC-P LR
Mixing capacity Min/Max [g] / [lb]:	100 - 250 / 0,33 - 0,55	250 - 400 / 0,55 - 0,88	300 - 600 / 0,66 - 1,32	350 - 700 / 0,77 - 1,54	400 - 800 / 0,88 - 1,76
Mixing capacity Max [ml] / [gal]:	400 / 0,10	1000 / 0,26	1000 / 0,26	1000 / 0,26	1000 / 0,26
Mixing speed Min/Max [rpm]:	50 - 2500	50 - 2400	50 - 2200	50 - 2000	50 - 1850
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)				
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz				

	SMART DAC 1100.3 FVZ	SMART DAC 1500.3 FVZ	SMART DAC 2000.3 FVZ
Mixing capacity Min/Max [g] / [lb]:	300 - 1100 / 0,66 - 2,42	700 - 1500 / 1,34 - 3,30	1000 - 2000 / 2,20 - 4,41
Mixing capacity Max [ml] / [gal]:	2000 / 0,53	3300 / 0,87	3300 / 0,87
Mixing speed Min/Max [rpm]:	50 - 1700	50 - 1400	50 - 1200
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz		

	SMART DAC 1100.4 VAC-P	SMART DAC 1500.4 VAC-P	SMART DAC 2000.4 VAC-P
Mixing capacity Min/Max [g] / [lb]:	300 - 1100 / 0,66 - 2,42	700 - 1500 / 1,34 - 3,30	1000 - 2000 / 2,20 - 4,41
Mixing capacity Max [ml] / [gal]:	2000 / 0,53	3300 / 0,87	3300 / 0,87
Mixing speed Min/Max [rpm]:	50 - 1700	50 - 1400	50 - 1200
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz		

	SMART DAC 1100.3 FVZ LR	SMART DAC 1500.3 FVZ LR	SMART DAC 2000.3 FVZ LR
Mixing capacity Min/Max [g] / [lb]:	300 - 1100 / 0,66 - 2,42	700 - 1500 / 1,34 - 3,30	1000 - 2000 / 2,20 - 4,41
Mixing capacity Max [ml] / [gal]:	3750 / 1,00		
Mixing speed Min/Max [rpm]:	50 - 1200	50 - 1100	50 - 1000
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz		

	SMART DAC 1100.4 VAC-P LR	SMART DAC 1500.4 VAC-P LR	SMART DAC 2000.4 VAC-P LR
Mixing capacity Min/Max [g] / [lb]:	300 - 1100 / 0,66 - 2,42	700 - 1500 / 1,34 - 3,30	1000 - 2000 / 2,20 - 4,41
Mixing capacity Max [ml] / [gal]:	3750 / 1,00		
Mixing speed Min/Max [rpm]:	50 - 1200	50 - 1100	50 - 1000
Mixing time Min/Max [s]:	5s - 600s (Pro version up to 1800s)		
Voltage & Frequency:	230 V / 115 V - 50 Hz / 60 Hz		



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