

MS-CP

Measuring systems compatible with DIN 53019 / ISO 3219 / ASTM D4278-D7395 (316L Stainless Steel). These systems make it possible to set the shear rate in order to carry out viscosity measurements or to obtain curves to study flow behaviour, yield stress or thixotropy.

They are particularly suitable for measurements on very small quantities for control or development of homogeneous products with or without particles (size <math><100\mu\text{m}</math>), guaranteeing easy cleaning.

AC 265 coupling guarantees rapid set-up of the measuring system, better maintenance and increased repeatability. These measuring systems are compatible with FIRST PRODIG CP1000, RM100 CP10000 and RM100 CP2000.



MEASURING SYSTEMS FOR CP1000 AND CP2000 INSTRUMENTS

Designation	Reference	Diameter (mm)	Angle (°)	Volume (ml)	Shear rate (s ⁻¹)	Viscosity range in mPa.s	
						FIRST PRODIG CP1000	RM100 CP1000 / CP2000
MK-CP1005	265115	10	0,5	0,002	12N	640 to 13M	106 to 31,8M
MK-CP1020	265120	10	2	0,01	3N	2,5K to 55M	424 to 127M
MK-CP1030	265130	10	3	0,01	2N	3,8K to 80M	637 to 191M
MK-CP06	2651418	14,04	1,8	0,02	3,3N	840 to 18M	139 to 41,8M
MK-CP03	2651945	19,06	0,45	0,015	13,3N	85 to 1,8M	14 to 4,1M
MK-CP05	2651918	19,06	1,8	0,05	3,3N	335 to 7,2M	56 to 16,7M
MK-CP09	2651930	19,06	3	0,1	2N	550 to 11,9M	92 to 27,3M
MK-CP2005	265205	20	0,5	0,018	12N	80 to 1,7M	13 to 3,9M
MK-CP2015	265215	20	1,59	0,058	3,8N	250 to 5,4M	42 to 12,5M
MK-CP2020	265202	20	2	0,073	3N	320 to 6,8M	53 to 15,9M
MK-CP02	2652445	24	0,45	0,03	13,3N	42 to 0,9M	7 to 2M
MK-CP2405	265245	24	0,5	0,031	12N	46 to 1M	8 to 2,3M
MK-CP51Z	2652415	24	1,5	0,1	4N	140 to 2,9M	23 to 6,9M
MK-CP04	2652418	24	1,8	0,12	3,3N	170 to 3,6M	28 to 8,3M
MK-CP2420	265242	24	2	0,126	3N	190 to 3,9M	31 to 9,2M
MK-CP52Z	265243	24	3	0,2	2N	280 to 5,9M	46 to 13,8M
MK-CP01	265345	30,2	0,45	0,06	13,3N	20 to 0,4M	3 to 1M
MK-CP10	2653012	30,2	1,2	0,15	5N	60 to 1,2M	9 to 2,7M
MK-CP08	2653030	30,2	3	0,38	2N	140 to 3M	23 to 6,9M
MK-CP4005	265405	40	0,5	0,146	12N	10 to 0,2M	2 to 0,5M
MK-CP4010	265401	40	1	0,29	6N	20 to 0,4M	3 to 1M
MK-CP4015	265515	40	1,59	0,465	3,8N	32 to 0,7M	5 to 1,5M
MK-CP4020	265402	40	2	0,585	3N	40 to 0,8M	7 to 2,0M
MK-CP4040	265404	40	4	1,17	1,5N	80 to 1,7M	13 to 4,0M
MK-CP07	2654830	48	3	1,5	2N	35 to 0,7M	6 to 1,7M
MK-CP40Z	265488	48	0,8	0,4	7,5N	9 to 0,2M	2 to 0,4M
MK-CP42Z	2654815	48	1,5	0,76	4N	18 to 0,3M	3 to 0,8M
MK-CP41Z	265483	48	3	1,5	2N	35 to 0,7M	6 to 1,7M
MK-CP5005	265505	50	0,5	0,285	12N	5 to 0,1M	1 to 0,2M
MK-CP5020	265502	50	2	1,142	3N	21 to 0,4M	3 to 1M
MK-CP6005	265622	60	0,5	0,5	12N	3 to 60K	1 to 0,1M
MK-CP6010	265610	60	1	1	6N	6 to 0,1M	1 to 0,3M
MK-CP6020	265602	60	2	2	3N	12 to 0,25M	2 to 0,6M
MK-CP6030	265603	60	3	3	2N	18 to 0,3M	3 to 0,9M

M for million, K for thousand, N for rotational speed (rpm)

Measuring systems compatible with DIN 53019 / ISO 3219 / ASTM D4278-D7395 (316L Stainless Steel).
 All cones-plate presented on this page present a truncation (50µm) compatible with our instruments with automatic lift.
 They are particularly suitable for measurements on very small quantities for control or development of homogeneous products with or without particles (size <5µm for cone-plate), guaranteeing easy cleaning.
 AC 265 coupling guarantees rapid set-up of the measuring system, better maintenance and increased repeatability.
 These measuring systems are compatible with RM200 CP4000 and DSR500 CP4000.



MK-CP 20 mm AC 265



MK-CP 50 mm AC 265

MEASURING SYSTEMS FOR RM200/DSR500 CP4000 PLUS

Designation	Reference	Diameter (mm)	Angle (°)	Volume (ml)	Shear rate (s-1)	Viscosity range (mPa.s)
MK-CP1010	365101	10	1	0,005	6N	212 to 63,6M
MK-CP2005	365205	20	0,5	0,018	12N	13 to 3,9M
MK-CP2010	365210	20	1	0,04	6N	26 to 7,9M
MK-CP2020	365202	20	2	0,073	3N	53 to 15,9M
MK-CP2404	365244	24	0,45	0,03	13,3N	7 to 2M
MK-CP2405	365245	24	0,5	0,031	12N	8 to 2,3M
MK-CP3510	365351	35	1	0,2	6N	5 to 1,4M
MK-CP4005	365405	40	0,5	0,146	12N	2 to 0,5M
MK-CP4010	365401	40	1	0,29	6N	3 to 1M
MK-CP4020	365402	40	2	0,585	3N	7 to 2M
MK-CP4040	365404	40	4	1,17	1,5N	13 to 4M
MK-CP5005	365505	50	0,5	0,285	12N	1 to 0,24M
MK-CP5020	365502	50	2	1,142	3N	3 to 1M
MK-CP6010	365601	60	1	1	6N	1 to 0,3M
MK-CP6020	365602	60	2	2	3N	2 to 0,6M
MK-CP6050	365605	60	5	5	1,2N	5 to 1,5M
MK-PP20*	265020	20		0,314	1N	200 to 61,1M
MK-PP25*	265025	25		0,491	1,3N	83 to 24,8M
MK-PP28*	265028	28		0,616	1,5N	52 to 15,7M
MK-PP35*	265035	35		0,962	1,8N	22 to 6,5M
MK-PP40*	265040	40		0,63	4,2N	6 to 1,9M
MK-PP50*	265005	50		1	5,2N	3 to 0,78M

M for million, K for thousand, N for rotational speed (rpm) / * Given values for gap 1mm