

Chemistry diaphragm pumps and -pumping systems

Description	Technical data / Ordering data		Product comparison													
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Name	Base pump	Ultimate vacuum without gas ballast mbar	Ultimate vacuum with gas ballast mbar	Pumping speed in m³/h		Chemical resistant	ATEX category 2	ATEX category 3 Internal/Atm. only	AK	EK	SYNCHRO	Manual control	2-point control	VARIO control	Controller CVC 3000	Controller VNC 2
				50 Hz	60 Hz											
Chemistry diaphragm pump ME 1C	-	100	-	0.7	0.85	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry diaphragm pump ME 2C NT	-	70	-	2.1	2.4	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry diaphragm pump ME 4C NT	-	70	-	3.9	4.3	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry vacuum system ME 4C NT +2AK	ME 4C NT	70	-	3.9	4.3	✓	-	✓	2	-	-	-	-	-	-	-
Chemistry diaphragm pump ME 8C NT	-	70	-	7.1	7.8	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry vacuum system ME 8C NT +2AK	ME 8C NT	70	-	7.1	7.8	✓	-	✓	2	-	-	-	-	-	-	-
Chemistry diaphragm pump ME 16C NT	-	70	100	16.3	18.4	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry vacuum system ME 16C NT +EK	ME 16C NT	70	100	16.3	18.4	✓	-	✓	-	✓	-	-	-	-	-	-
VARIO® chemistry pump ME 16C NT VARIO	-	70	100	19.3	19.3	✓	-	✓	-	-	-	-	-	✓	✓	-
VARIO® chemistry pumping unit PC 3016 NT VARIO	ME 16C NT VARIO	70	100	19.3	19.3	✓	-	✓	✓	✓	-	-	-	✓	✓	-
Chemistry diaphragm pump MZ 1C	-	12	20	0.75	0.9	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry diaphragm pump MZ 2C NT	-	7	12	2.0	2.3	✓	-	✓	-	-	-	-	-	-	-	-
Chemistry vacuum system MZ 2C NT +2AK	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	2	-	-	-	-	-	-	-
Chemistry vacuum system MZ 2C NT +AK+EK	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	-	-	-	-	-	-
Chemistry vacuum system MZ 2C NT +AK SYNCHRO+EK	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	✓	2	-	-	-	-
Chemistry vacuum system MZ 2C NT +AK+M+D	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	-	-	✓	-	-	-	-
Chemistry pumping unit PC 101 NT	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	-	✓	-	-	-	-
Chemistry pumping unit PC 510 NT	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	-	-	✓	-	✓	-
Chemistry pumping unit PC 511 NT	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	✓	✓	✓	-	✓	-
Chemistry pumping unit PC 520 NT	MZ 2C NT	7	12	2.0	2.3	✓	-	✓	✓	✓	✓	-	✓	-	2	-
VARIO® chemistry diaphragm pump MZ 2C NT VARIO	-	7	12	2.8	2.8	✓	-	✓	-	-	-	-	-	✓	✓	-
VARIO® chemistry pumping unit PC 3002 VARIO	MZ 2C NT VARIO	7	12	2.8	2.8	✓	-	✓	✓	✓	-	-	-	✓	✓	-

Chemistry diaphragm pump MD 4C EX	-	3	10	3.7	-	✓	✓	-	-	-	-	-	-	-	-	-
VARIO® chemistry diaphragm pump MD 4C EX VARIO	-	3	10	3.7	3.7	✓	✓	-	-	-	-	-	-	✓	-	-
Chemistry diaphragm pump MV 10C EX	-	2	10	8.1	-	✓	✓	-	-	-	-	-	-	-	-	-
Chemistry diaphragm pump MV 10C EX VARIO	-	2	10	8.1	8.1	✓	✓	-	-	-	-	-	-	✓	-	-
Chemistry vacuum system MZ 2C EX +AK+EK	MZ 2C EX	12	18	1.9	-	✓	✓	-	✓	✓	-	-	-	-	-	-
Chemistry vacuum system MD 4C EX +AK+EK	MD 4C EX	3	10	3.7	-	✓	✓	-	✓	✓	-	-	-	-	-	-
VARIO® chemistry vacuum system MD 4C EX VARIO +AK+EK	MD 4C EX VARIO	3	10	3.7	3.7	✓	✓	-	✓	✓	-	-	-	✓	-	-
VARIO® chemistry diaphragm pump MV 10C EX VARIO +AK+EK	MV 10C EX VARIO	2	10	8.1	8.1	✓	✓	-	✓	✓	-	-	-	✓	-	-