

# Chemical Feed Equipment

## Solenoid Driven Metering Pumps



simple



solenoid



microprocessor



flow verification

## Maximum Capacity and Pressures

Pump Series	Drive	Type	US gph	psig	l/h	bar
mikro delta <sup>1</sup>	S	P	0.4	580	1.5	40
Concept <sup>PLUS</sup>	S	D	3.94	232	14.9	16
beta/b	S	D	8.4	363	32	25
gamma/ L	S	D	8.4	232	32	16
EXtronic <sup>1</sup>	S	D	15.8	363	60	25
delta	S	D	21.1	363	80	25
Sigma/ 1	M	D	38	174	144	12
ProMus*	M	A	101.5	3500	384	241
Sigma/ 2	M	D/P	111	174/232	420	12/16
Sigma/ 3	M	D	264	174	1000	12
DulcoFlex DFB	H	H	385	116	1457	8
DulcoFlex DFC <sup>1</sup>	H	H	130 <sup>2</sup>	116	492 <sup>2</sup>	8
DulcoFlex DFD <sup>1</sup>	H	H	225 <sup>2</sup>	232	852 <sup>2</sup>	16
Makro TZb <sup>1</sup>	M	D/P/A	555	174/3480/232	2101	12/240/16
Makro/ 5* <sup>1</sup>	M	P	1593	4640	6014	320
Orlita Mh* <sup>1</sup>	M	A	312	43000	1181	3000
Orlita DR <sup>1</sup>	M	R	1311	9135	4963	630
Orlita Mf*	M	A	9076	10150	34356	700
Orlita PS* <sup>1</sup>	M	P	15325	5800	58011	400

### Notes:

\* = built in accordance to API 675

<sup>1</sup> = not pictured

<sup>2</sup> = measured in gpm / l/min

### Drives

S = Solenoid  
M = Motor

### Diaphragm Type

D = Mechanical  
P = Packed plunger  
H = Hose  
A = Hydraulic Actuated  
R = Rotary piston



Universal



Auto degass

NSF

Certified to  
NSF/ANSI 61

## Motor Driven Metering Pumps



API 675



microprocessor



high pressure/flow



peristaltic

# ProMinent®

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# Chemical Feed Equipment

## Measurement and Control Instrumentation



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single channel



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multi-channel



free chlorine  
total chlorine  
chlorine dioxide  
chlorite  
bromine  
peracetic acid  
ozone  
dissolved oxygen

pH  
redox  
fluoride  
temperature  
conductivity  
hydrogen peroxide

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**DULCOTEST®**  
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**Aquatrac Series Controllers**

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ClO<sub>2</sub> generation



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**Control Panels**

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**ProMinent®**

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