

## SCAM T.P.E. WATER TREATMENT SYSTEM SDS1-I & SDS1-B DOSING STATION



**SCAM T.P.E. SDS1 DOSING STATION** system is made up of a 60 lt. tank (diameter mm. 380x670 h.), 108 lt. (diameter mm.470x670 h.) or 230 lt. (diameter mm.610x870 h.) in vertical polyethylene complete with water inlet with plug/vent, with an internal aspiration spear of 60-80 cm. with valve, filter and level probe. On the top of SDS1 and on a specific PP support is placed the electromagnetic diaphragm dosing pump, with microprocessor technology in multifunction version, case in antacid plastic material, digital display, implemented for base mounting, IP65 protection, complete with assembly kit made up of injector, bottom filter with back vent valve, PE outlet pipe and PVC Cristal aspiration pipe, level probe and flow sensor predisposition, relay output and buzzer.

### **Operational functions:**

**Manual:** manual setting of the flow from 0 to 100%.

**1xn:** for each pulse received, the pump provides the number of injections selected by operator.

**1xn(M):** for each impulse received the pump provides the number of injections selected by the operator. In case one or more impulses come up, during the dosing phase, these are taken into consideration and the pump provides a number of injections which are the contacts received x the selected digit.

**1:n:** the pump supplies an additive injection only after detecting a number of impulse (contacts) corresponding to the selected digit.

**PPM :** Proportional with dosage directly in PPM.

**mA :** Proportional to an external current signal between 0 – 20 Ma, that the operator can select.

**Timer :** Digital programmer to be able to carry out daily/weekly dosing cycle.

Max flow:	<b>8</b>	l/h	Max pressure:	<b>10</b>	Bar
Supply voltage:	<b>230 V ac – 50/60 Hz</b>				
Frequency/min.:	<b>120</b>		Connections:	<b>hose holder 4x6</b>	
Adjustment:	<b>manual 0-100%</b>				
Head body:	<b>PVDF</b>		Diaphragm:	<b>PTFE</b>	
Valves:	<b>CERAMIC</b>		Seals:	<b>FPM</b>	

SCAM SDS1 DOSING STATION can be used for the inhibitor dosage (SDS1-I) with a proportional method on the make-up through a 1-3" FLANGED LITRE COUNTER TO BE MOUNTED ON THE WATER MAKE-UP TANK OF THE COOLING TOWER WITH 1 PULSE FREQUENCY EVERY 10LT included in the kit below. The same DOSING STATION can also be used with the TIMER SYSTEM FOR BIOCIDES (SDS1-B) WITHOUT ADDITIONAL INSTRUMENTS.



For a specific quote, please contact SCAM T.P.E. S.r.l. Commercial Department.