


# CESD Auto Lub. Pump 110v or 220v

	<b>Specification:</b>		
	<b>Timer</b>	Action Time	3-60 Second (2.2cc/Sec)
		Intermittent Timer	0.1Min. - 180 Min.
		Buzzer	Low oil level
		Floating Switch Output	Normal Closed or Normal Open Max. 3A 250VAC
	<b>Reservoir</b>	2 Liter	
	<b>Pump</b>	Discharge Volume	0.13 L/Min( 2.2cc/Sec. Max)
		Discharge Pressure	8 Kg/Cm <sup>2</sup> (8 bar Max.)
	<b>Motor</b>	Voltage /Hz	110 V, 50/60 Hz ,1 Ø 220 V, 50/60 Hz ,1 Ø
		Current	1.6 A ( 110v) 0.6 A (220v)
		12 W x 2 Pole	
<b>Viscosity (40°C)</b>	32- 190 cst		
<b>Weight</b>	7 Lb (3.2 kg.)		

## Operation Instruction for CESD – Type Oil Pumps:

- Fill oil into the reservoir prior connecting power.
- Push the “F” key to feed oil for the first time.
- “F” key on the front panel is for manual oil feeding. Press & hold to pump oil manually.
- Set action timer (ACT) ---Pumping volume (3- 60 seconds) (2.2 c.c. / sec.).  
For example, if the setting is in 10 sec. (oil volume: 10 sec. x 2.2 c.c. = 22 c.c.)
- Set intermittent timer (INT) --- Cycle timer in minuets (0.1 to 180 min.)  
For example, if the setting is in 30 minuets the pump will pump oil every 30 minuets.
- Please refill clean oil at once when the oil level is below the minimum level to avoid pumping air into the pipes.
- Use correct voltage input. 110 v or 220v single phases.
- The buzzer will go off when the oil level is low, add oil immediately.

## Wiring Diagrams

