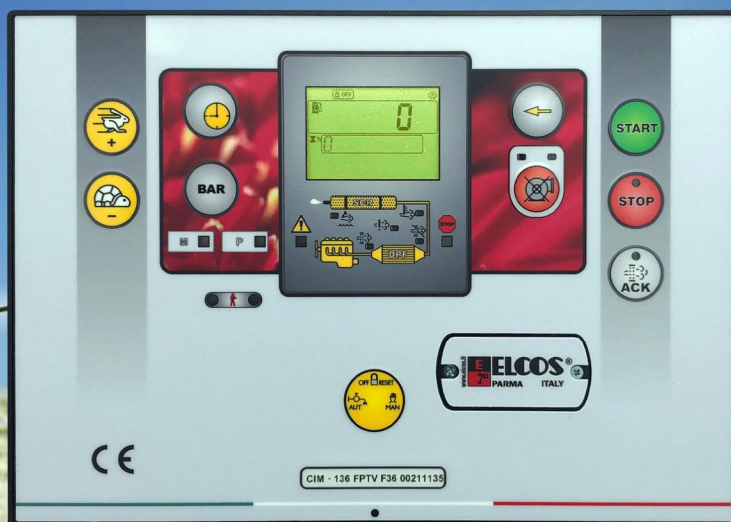




# CONTROL UNITS FOR IRRIGATION MOTOR PUMPS



MADE IN ITALY



**ELCOS**® srl

# CONTROL UNITS FOR COMMAND AND PRO



**CEM-370**  
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**CEM-380**  
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**CEM-390**  
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**CEM-117**  
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**CEM-217**  
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## FAULTS CAUSING THE MOTOR PUMP TO STOP:

too-low oil pressure	•	•	•	•	•
overheating	•	•	•	•	•
alternator belt breakage	•	•	•	•	•
battery overvoltage				•	•
minimum fuel level	•	•	•	•	•
low coolant level	•	•	•	•	•
inadequate pump water pressure	•	•	•	•	•
pump water overpressure	•	•	•	•	•
pump water flow failure					
overspeed				•	•
fault available	•	•	•	•	•
low diesel pressure	•	•	•		

## START SYSTEM:

key	•	•			
button			•	•	•
remote				•	•

## REMOTE MANAGEMENT:

via SMS text message					
via ELCOS SMART CONTROL APP					

## ENGINE RPM ADJUSTER

manual			•		
automatic					
system pressure maintenance function					
engine rpm maintenance function					

## FUNCTIONS/INSTRUMENTS:

hour-meter	•	•	•	•	•
oil pressure gauge			•	•	•
engine water or oil thermometer			•	•	•
tachometer	•	•	•	•	•
96-hour digital timer	•	•	•	•	•
fuel level (percentage)	•	•	•	•	•
battery voltmeter	•	•	•	•	•
pump protection disable	•	•	•	•	•
glow plug preheating management	•	•	•	•	•
oil and battery warnings	•	•	•		
protection triggers	•	•	•	•	•
emergency stop to be installed externally	•	•	•	•	•
water press. switch/gauge to be installed externally	•				
digital pump water pressure gauge		•	•	•	•
electronic pump water pressure transmitter		•	•	•	•

## ANCHORING SYSTEMS

base assembly, with anti-vibration feet	•	•	•		•
base assembly, with support on request	•	•	•		•
panel assembly				•	
vertical assembly, with clamps	•	•	•		•

## STAGE V ENGINES



## DETECTION OF IRRIGATION MOTOR PUMPS



CIM-130  
CIM-131



**CIM-136/4GW**  
**CIM-137/4GW**



**CEM-250/10**  
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**CIM-250/10**  
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**CEM-256/10**  
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**CIM-256/10**  
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