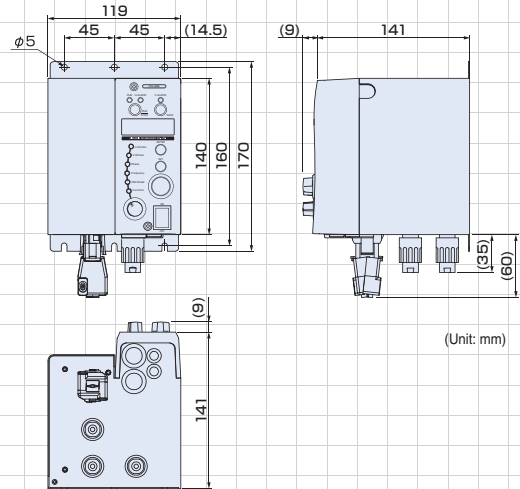


DM series Controller C10-4DM

New



C10-4DM Dimensions



Features

•Simple and easy start up

Stroke sensor gain adjustment is not required. Just by selecting a drive unit model at the initial setting stage, necessary parameters are set automatically.

•Easy operation

'Selection Dial' and 'Setting Encoder' allow for easy operation for anyone.

•Save more space

This controller has the same dimensions as C10-5VF/5VFEF and the footprint is reduced by 36% from the previous model.

•Energy-saving auto-tuning

Auto tuning function reduces power consumption by tracking the resonance point and keeping vibration frequency on it continuously.

•Electronic control gives optimal vibration

Electronic control of horizontal/vertical amplitudes and phase difference provides ideal vibration characteristics for any type of workpiece.

Specifications

Model		C10-4DM	
Input power		AC200/230V 10%, 50/60Hz	
Output	Control system	PWM system	
	Voltage	V	0~190
	Vibration frequency	Hz	28~45 65~120 90~180
	Max. current	A	horizontal: 4 vertical: 2
Additional features	Auto resonance-point-tuning control	Automatic tuning to horizontal resonance point. Accuracy: resonant frequency 0.3%	
	Constant phase difference control	Horizontal/vertical amplitude phase difference kept constant	
	Constant amplitude control	Horizontal/vertical amplitudes kept constant	
	Display function	Shows output frequency, horizontal/vertical amplitudes, phase difference, and function codes	
	Setting function	For setting horizontal/vertical amplitudes and phase difference	
	Speed selection	Choice of 4 pre-set speeds by external signal	
	Start/Stop control	Stops and starts by external signal	
	Output signal	Outputs signal tuned to unit operation	
	Soft start	Start-up time 0.2~4.0 seconds	
	On/Off delay timer	Delay time 0.2~60 seconds	
Synchronized power source	Sensor power source	3P power plug gives DC12V, max. 80 A	
	Function	Power source synchronized to parts feeder operation (RUN)	
	Control system	On/Off control through Triac	
	Output voltage	As power source input to controller	
Other	Maximum current	A	2
	Noise resistant voltage	V	Above 1000
	Ambient temperature range	degree	0~40°C
	Ambient humidity range	%	10~90% (no condensation)
	Color of case	Japan Paint Industry Association U75-70D	
	Weight	kg	2.0
Compatible equipment		DM-30C, 38C, 45C, 65C DMS-15C, 20C, 25C, 30C, 38C, 45C	