

Constant amplitude Digital Control Units

The EC30D series for use regular parts feeders for conveyance of parts of all size. Auto-tuning function (EC30-3,5D) eliminates need for frequency adjustment, convenient digital settings displays. Simple set up, the variable frequency control units are reliable and precise controls parts feeder regardless of the power frequency.



Features

- Auto-tuning function eliminates need frequency adjustment.
- The resonance point auto tracing function automatically maintains the frequency at the resonance point and saves energy.
- Automatically detect input power 110VAC or 220VAC.
- Automatically corrects the variation in supply voltage.
- Capable of controlling a wide range of regular parts feeders.
- Simple operate, highly precise and reliable.

Specifications

Model	VC30-5DF	VC30-8DF	VC30-5DFF	VC30-8DFF	VC30-5DFT	VC30-8DFT	VC30-5DFFT	VC30-8DFFT
Input	Power source AC110/220V ±10% 50/60Hz Auto Detect							
Output	Voltage 0~98V (110V input power system)				0~210V (220V input power system)			
	Frequency Half wave 60Hz		Full wave 120Hz (input power 60Hz)		Half wave 50Hz		Full wave 100Hz (input power 50Hz)	
	Max. current	5A	8A	5A	8A	5A	8A	5A
Control mode	Control type Half wave /Full wave setting							
Operation mode	Constant amplitude The constant amplitude control to provide stable power with higher accuracy							
Additional function	Run/stop operation An external signal runs or stops the parts feeder							
	Output signal The control unit outputs a synchronous signal with running and stopping of the parts feeder							
	Soft start Ramp-up time 0.2 ~ 4.0 seconds							
	On and off delay Delay time 0.2 ~ 4.0 seconds							
	Power for sensor With a 3 cored socket plug DC12V, max 80mA							
Synchronous power output	Function Power output synchronous with the parts feeder operation							
	Control method				Run/stop with a power switch			
	Voltage				Same as power source			
	Maximum current				2A			
Application conditions	Noise resistance				Above 1000V			
	Ambient temperature				0~40°			
	Ambient humidity				10~90% (no condensation)			
	Case color				Gray (HTC specify)			
	Dimensions		44W x 171H x 140D (VC30-5,8DF,DFF)			60W x 171H x 140D (VC-30-5,8DFT,DFFT)		
	Weight		1.0kg (VC30-5,8DF,DFF)			1.3kg (VC30-5,8,DFT,DFFT)		