



DESCRIPTION

The MAS-DEM Dissectible Machine is designed to discover and study the basics of a three-phase squirrel-cage asynchronous machine. All the components are stored in a carrying case which contains the following:

- Housing with stator winding and terminal block,
- Squirrel-cage rotor,
- Right and left end shields with ventilation slots,
- Screws, and
- Screwdriver.

The 370W-0.5HP machine can be assembled and dismantled whenever necessary. It permits the student to have better understanding in three-phase machine technology. The training package includes theoretical documents on three-phase squirrel cage machine operation and technology.

SPECIFICATIONS

DESCRIPTION	MAS-DEM-00	MAS-DEM-50
Asynchronous Motor		
Manufacturer:	Siemens	
Reference code:	1LA7073-4AB10	
Delta coupling voltage:	208 V AC	230 V AC
Frequency:	60 Hz	50 Hz
Power:	0.37 kW (0.5 HP)	
Required delta-coupling current:	1.85 A	1.82 A
Power factor:	0.78	0.92
Rated speed:	1670 RPM	1370 RPM
Carrying Case		
Weight:	13 kg (28.6 lbs)	
Dimensions:	534 x 427 x 182 mm (21.3 x 17.1 x 7.3 in)	