

## DC Machine Lab Trainer

Model: LT-ML1001

Brand: LabTech

Country of origin China, Assembly by LabTech



Reference picture

## Technical Parameters:

- 1 Phase Induction motor
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated input Voltage: 220 V-AC (5%)
- Rated Input Current: 0.10A (5%)
- Rated Speed: 1400 rpm (5%)
- Rated Power: 22W (5%)
- Capacitor: 2uF
- Dimension (Length x Diameter):(250mmx170mm)
- Motor Outside Shaft Length: 35mm
- Universal motor:

- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Input Voltage: 120 V-AC/DC (5%)
- Rated Input Current: 1.0 A
- AC/DC (5%)
- Rated Speed: 8400 rpm (AC) (5%)
- Rated Speed: 10000 rpm (DC) (5%)
- Rated Power: 120W (5%)
- Dimension (Length x Diameter) : (150mmx150mm)
- Motor Outside Shaft Length: 40mm
- Three Phase Induction motor (Y-Connection):
- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Input Voltage: 400 V
- AC (5%) Three Phase 3-wire
- Rated Input Current: 0.085A (5%)
- Rated Speed: 1450 rpm (5%)
- Rated Power: 65W (5%)
- Dimension:(250mmx170mm)
- Motor Outside Shaft Length:40mm
- Phase Rotor winding motor (Y-Connection)
- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Input Voltage: 400 V-AC (5%)
- Rotor Excitation Voltage:
- 50~100V (3-Phase Line to Line)
- Rated Speed: 1500 rpm ( 5%)
- Dimension(Length x Diameter):(250mmx170mm)
- Motor Outside Shaft
- Length: 40mm
- DC Permanent magnet motor/Generator:
- Full Transparent 6mm
- Thickness Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Voltage: 220 V DC (5%)
- Rated Current: 0.42A (5%)
- Rated Speed: 3300 rpm (5%)
- Rated Power: 92.4 W(5%)
- Dimension (Length x Diameter): (150mm x150mm)
- Motor Outside Shaft Length: 40mm
- Three Phase AC/DC Power Supply:
- Rated Input Voltage: 400 V-AC ( 5%)
- Three Phase 4- wire
- Rated Output Voltage: 400V AC ( 5%)

- Three Phase 4-wire
- Rated Output Voltage: 0~400 V AC ( 5% ) ,
- Three Phase 4-wire
- Rated Output Current: 5 AC( 5%)
- Rated Output
- DC Fixed Voltage: 0V,60V,120V D ( 5% ) ,5Amp
- DC Variable Voltage: 0~ 220 V DC( 5% ) ,5Amp
- Short Circuit Protection Facility
- 4mm safety jack Connection facility
- Air cooling system facility
- DC Compound wound motor
- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Dimension (Length x Diameter): (150mm x150mm)
- Motor Outside Shaft Length: 45mm
- Short Shunt:
- Rated Voltage: 220V DC( 5%)
- Rated Current: 0.125A( 5%)
- Armature Current 0.055( 5%)
- Shunt Current: 0.07 ( 5%)
- Rated Speed: 1100 rpm( 5%)
- Rated Power: 15W ( 5%)
- Long Shunt:
- Rated Input Voltage: 220VDC ( 5%)
- Rated Input Current: 0.25A( 5%)
- Rated Speed: 2000 rpm( 5%)
- Rated Power: 30W ( 5%)
- DC Shunt-wound motor:
- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated input Voltage: 220 VDC ( 5%)
- Rated input Current:0.7Amp ( 5%)
- Shunt field Current:0.10Amp ( 5%)
- Armature Current: 0.60Amp ( 5%)
- Rated Speed: 7000rpm( 5%)
- Rated Power: 154W( 5%)
- Dimension(Length x Diameter):(150mmx150mm)
- Motor Outside Shaft Length: 40mm
- DC Series wound motor:
- Full Transparent 6mm Thickness
- Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Voltage: 100 V DC( + 5%)
- Rated Current: 0.41A( 5%)
- Rated Speed: 6600 rpm( 5%)

- Rated Power: 41W ( 5%)
- Dimension (Length x Diameter): (150mm x150mm)
- Motor Outside Shaft Length : 40mm
- Synchronous motor (Y Connection):
- 6mm Thickness Fiber/Acrylic Body
- 4mm safety jack Connection facility
- Rated Input Voltage: 400 V AC ( 5%)
- Rated Input Current: 0.20A( 5%)
- Rotor Field Excitation Voltage: 50 VDC( 5%)
- Rated Speed: 1500 rpm ( 5%)
- Rated Power: 140W( 5%)
- Dimension (Length x diameter): (260mm x180mm)
- Motor Outside Shaft Length: 40mm

**Accessories:**

- Connecting Wire: 1 set
- User Manual: 1 Nos
- Standard Accessories
- Warranty: 1 Year