

Product Name :
Electro Pneumatic Training Set

Product Code :
CIVIL-EPT-157-0001



Description :

Electro Pneumatic Training Set

Technical Specification :

Technical parameters of the electro pneumatic training set

Power unit - air compressor (Basic configuration minicomputers)

Power source: AC 220V±10% 50Hz/60Hz

Motor power: 600w

Nominal volume: 9L Rated output pressure 0.7MPa

Noise grade: 66dB

Workbench

Workbench size: 1360 X 650 X 1650mm

Aluminum panel size: 1200 (L) X 600 (W)

Training content of the electro pneumatic training set

Pneumatic basic control circuit experiment

Single acting cylinder automatic control

Double acting cylinder automatic control

PLC control technical application

Relay control technical application

Other comprehensiveness, expansibility experiment type pneumatic circuit

Pneumatic basic experiment circuits illustrated:

Single acting cylinder reversing circuit,

Double acting cylinder reversing circuit,

Single acting cylinder speed control circuit,

Double acting cylinder one-way speed regulation circuit

Double acting cylinder both-way speed regulation circuit

Speed changing-over circuit

Buffering circuit

Twice pressure control circuit

High and low voltage convert circuit

Delay circuit

Overload protection circuit

Interlocking circuit

Single cylinder single reciprocating control circuit

Single cylinder continuous reciprocating action circuit

Multi cylinder sequence action circuit

Double-cylinder synchronization action circuit

Unloading circuit

Or gate type valve shuttle application circuit

And gate application circuit of double press valve

Rapid exhaust valve application circuit

Magnetic induction type proximity switch application

Sensor application in control system

Relay control circuit

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