



Specifications

Specifications:

Programmable Logic Controller (PLC): Siemens S7-1200 CPU 1214C, integrated digital I/O, expandable with:

- Analog input/output modules
- Temperature measurement module (RTD, Thermocouple)
- PROFINET and Modbus communication capability

Supervisory Control & Data Acquisition (SCADA):

- Siemens TIA Portal V19 software, WinCC Advanced/Professional
- Licensed for educational/industrial training use
- Runtime environment for local and remote monitoring/control

Human-Machine Interface (HMI): Siemens KTP400 Basic, 4 - inch TFT touchscreen, PROFINET interface

IoT & Networking:

- Industrial-grade 4G/5G LTE VPN cellular router
- Secure cloud access for remote monitoring/control
- LAN and WAN connectivity options

Motor Control Systems:

- Siemens SINAMICS V20 Variable Frequency Drive (1.5 kW)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com



- Delta AC Servo Drive and Motor (400 W)
- Induction Motor, 3-phase, 0.75 kW

Sensors:

- Inductive proximity sensors
- Capacitive proximity sensors
- Photoelectric sensors
- Pressure transmitter
- Rotary encoder
- Magnetic contacts
- Limit switches

Actuators:

Double - acting pneumatic cylinders with solenoid valves

Pneumatic actuators and fittings

Pneumatic Supply:

- Portable air compressor, 10 bar working pressure, 20-30 L capacity
- Regulator, lubricator, and associated accessories

Training Modules & Exercises:

- Basic and advanced logic operations
- Motor control via VFD and servo
- Industrial communications (PROFINET, Modbus)
- HMI design and programming
- SCADA project development and deployment
- IoT-enabled monitoring and control
- PID control simulation
- 50+ preconfigured industrial project simulations

PC & Display Unit:

- Intel 12th Gen Core i5 desktop, 16 GB RAM

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com



- Storage: 256 GB SSD + 1 TB HDD
- 19-inch LED monitor
- Pre-installed with required software

Panel & Furniture:

- Custom steel training table with integrated PLC panel
- Mounting space for motors, HMI, drives, and accessories
- Dedicated monitor and CPU stand

Electrical Accessories:

- Control and power cables
- Relays, miniature circuit breakers (MCBs)
- Safety sockets
- Cable lugs and ties

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com