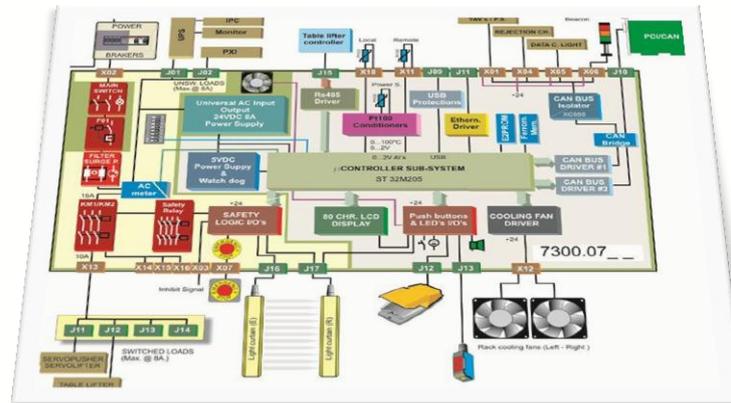




Features you always wanted

but never realized due to high engineering cost and effort, now available from **6TL Engineering** with our new **MMI (Man Machine Interface)**



- INTERNAL / EXTERNAL TEMPERATURE CONTROL INCLUDING MAX AND MIN LEVEL SETTINGS
- CONTROL OF THE MACHINE COOLING FANS FOR OPTIMAL COOLING AND NOISE CONTROL
- TABLE LIFTER CONTROLS FOR OPTIMUM ERGONOMICS AND EASE OF OPERATING AND DEBUGGING
- SAFETY CIRCUITRY AND SAFETY CURTEN CONTROL IN COMBINATION WITH OUR FLIPPER UNIT
- LIGHT TOWER CONNECTION
- CAN BUS ISOLATOR AND CONTROLS FOR PLUG & PLAY CANBUS MODULES
- USB AND ETHERNET CONTROLABLE FOR EASY ACCESS AND LXI INTEGRATION
- DISPLAY UNIT FOR OPERATOR INFORMATION AND COMMUNICATION DURING TEST
- ALL NECECARY PUSHBUTTONS FOR MACHINE CONTROL AND EMERGENCY
- CONNECTION FOR FOOTPADDLER CONTROL AND OPTIONAL INPUTS
- POWER DISTRIBUTION FOR SYSTEM AND DEVICE UNDER TEST ACCURATELY MONITORED
- LABVIEW DRIVERS AND SOFTWARE PROVIDED FOR EASY AND QUICK INTEGRATION.





General Features:



- Standard 19 rack mountable (2 or 3 units high according with the model [mono phase or three phase])
- Universal AC input 90-264VAC 50/60Hz with EMC Filter.
- Includes a 24VDC, 8A power supply with intelligent temperature control.
- Platform Safety Management meeting EN 60947-5-1, EN 60204 and VDE 0113-1.
- One local and two remote temperature measurement inputs for standard Pt-100 sensors.
- Platform temperature control with controlled fan speed.
- 1x DB-9 connector CAN bus port for direct connection to NI USB to CAN interface.
- 4x Four-pole terminal blocks as CAN bus control ports (with 1500V galvanic isolation) for Plug&Play CAN bus devices (Light tower, switching, etc.) with monitored protection and switchable 24VDC power supply output.
- Mains switch and current breaker switches (external reset operation) (Power and control).
- AC and DC Measured voltage, current, phase and frequency with >1% precision
- 320x240 full color LCD graphic display using standard color code for communication with the operator and MMI setup.
- Local and remote test cycle control, for Start & Terminate execution
- Run-time counter with non-volatile, non-erasable memory, system on, idle state and in-use.
- 8 floating bipolar switches to control external devices (High voltage power supplies, mechanical devices, servo-actuated devices, etc.)
- Emergency stop button (local and/or remote) according with ISO 13850 with M12 connector.
- Connectors for direct control of light curtain, with automatic self-test and reset.
- Two European or NEMA plugs for un-switched loads (UPS and Process Controller, PC)
- Pluggable terminal block for switched loads PDU. **Green option** : Selective switch, On/Off, for each instrument or PSU, for energy saving
- M12 I/O connectors with 2 configurable I/Os and switchable +24V power output.
- USB port for PC link and/or software updating & Ethernet port for LXI connectivity.
- Port RS485 multi-drop for external devices control
- 90dB Alarm buzzer 2 tone
- Input for Magnetic Safety Switches (Class 3)
- NI LabView / TestStand drivers for easy integration in functional test platform.



6TL-10 with New MMI.