

PLC generally used for management of I4.0 transmission data (Industry 4.0) and, in addition, also the management of the single-cell weighing platform, used to keep the level of the powder inside its special container, monitored by weight during the painting powder.

The control panel has a display TOUCH SCREEN 7" color.

U700 can integrate up to 2048 I/O onboard and offers a wide range of functionality.

TECHNICAL FEATURES

- Operator panel 7", 800x480 pixels of resolution (SVGA). HMI multilanguages display LED with backlight, touch screen, integrated alarms pages, multimedia support: audio and PDF viewer and multi-level protection password: fast and easy.
- I/O integrable options (until 2048 I/O) include digital, analogic, high speed, temperature and weight measurement.
- Remote expansion via I/O based on UniStream Ethernet.
- Program with 8 [MB] of logic application, PID with automatic tuning function, up to 64 independent loops. Recipe programming and data logging via data table and sampling. Function blocks and structures.
- Virtual keypad.
- SD card: backup, register, cloning and much more.
- 1 isolated RS485 port.
- 1 isolated mini USB port for programming.
- 2 Ethernet port TCP/IP.
- 2 host port USB.
- Additional ports: 4 RS485 port and 8 RS232 port.
- Client MQTT, Ethernet/IP, MODbus: seriale and TCP/IP, CANopen, CAN layer2, UNICAN, SNMP and others protocols.
- Client SQL, web server, server and client FTP, e-mail and sms, VNC supporto access and 3G modem support.
- Power supply: 12/24 [VDC].
- Backup battery for RTC and all memory sections. Life 4 years at 77 [°F].
- Degree of protection: IP66/IP65/NEMA4X.
- Real-time clock functions (Date and time).



U700 operator panel

RE IND CONTROL PANEL

CRI **U700** / **DAT**

CRI General abbreviation of control panel RE IND

U700 Number that identifies the type of PLC

DAT Function for I4.0 transmission data

OPERATOR PANEL : U700

ABBREVIATION STANDARD CONTROL PANEL controlled :	NUMBER and TYPE OF MACHINES CONTROLLED
CRI U700-DAT	I4.0 TRANSMISSION DATA
CRI U700-BIL	I4.0 TRANSMISSION DATA, SINGLE-CELL WEIGHING PLATFORM