

Human Machine Interface (HMI) - SIMATIC MP 370 (incl. INOX)



Overview

- Like operator panels, Multi Panels (MP) are used for controlling and monitoring machines locally.
- Their functionality can be expanded by the installation of additional Windows CE applications (Multi Panel and Panel options)
- SIMATIC MP 370 devices on the basis of Windows CE combine the ruggedness of Operator Panels with the flexibility of PCs
- Pixel-graphics 12.1" or 15.1" TFT display, color (256 colors)
- The MP 370 15" Touch is also available with a stainless steel front (DIN EN 1672-2). The stainless steel front is appropriate e.g. for the increased demands of the food and beverages industry.
- [MP 370 12" Keys:](#)
38 system keys, 36 user-configurable and freely-inscribable function keys (36 with LEDs)
- [MP 370 12" and MP 370 15" Touch:](#)
Touch screen (analog/resistive)
- All interfaces are on-board, e.g. MPI, PROFIBUS DP, USB, Ethernet, serial

Benefits

- Integral component of Totally Integrated Automation (TIA):
increases productivity, minimizes the engineering outlay, reduces the lifecycle costs
- Modular expansion possible with options such as

- Software PLC SIMATIC WinAC MP
- WinCC flexible / Sm@rtAccess for communication between different SIMATIC HMI systems
- WinCC flexible /Sm@rtService for remote maintenance and servicing of machines/plants via the intranet/Internet
- WinCC flexible /OPC-Server for communication with applications from various manufacturers
- MS Pocket Internet Explorer (already included in scope of delivery)
- Reduction of service and commissioning costs through:
 - Backup/Restore via Ethernet (TCP/IP), USB, MPI, PROFIBUS DP, RS 232 (serial) or optionally via PC/CF Card
 - Remote download/upload of the configuration and firmware
 - Specific drivers can be reloaded
 - Long service life of the backlighting
- Graphics library with off-the-shelf picture objects
- Can be used all over the world:
 - 32 languages can be configured (incl. Asian and Cyrillic character sets)
 - Up to 5 languages can be switched online.
- Standard hardware and software interfaces for increasing flexibility:
 - PC/CF Card slot for memory expansions, backup/restore or additional interfaces
 - Ethernet (TCP/IP) for central data and project management;
 when configuring with WinCC flexible, the control link is possible to SIMATIC S7
- Standard Windows storage formats (CSV) for archives and recipes permit further processing with standard tools (e.g. Microsoft Excel)