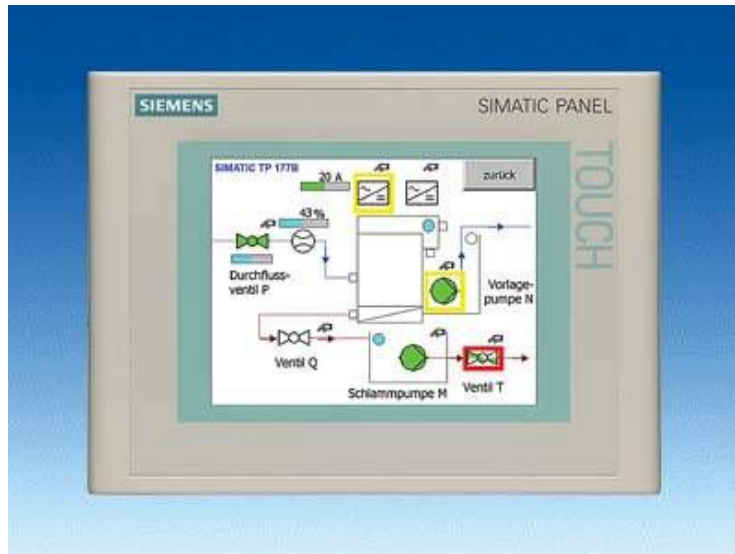


# 170 series - SIMATIC TP 177B PN/DP / INOX



## Overview

- Touch Panel with comprehensive functions for operator control and monitoring of machines and plants
- Pixel-graphics STN blue-mode/color display with analog touch screen
- The TP 177B PN/DP 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
- Interfaces for communication with Siemens SIMATIC S7 (e.g., MPI, PROFIBUS DP) are on-board
- PROFINET interface is already on-board in the color version
- Drivers are also available for non-Siemens PLCs

## Benefits

- Reduction of service and commissioning costs through:
  - Backup/restoration via a process interface or optionally via a Multi Media Card
  - Image and configuration download via all device interfaces
  - Maintenance-free structure and long service life of the backlightingThe data in the message buffer are retained even when the panel is disconnected from the supply, without battery backup.
- Can be used all over the world:
  - 32 languages can be configured (incl. Asian and Cyrillic character sets)
  - Online language can be selected directly on the device
- Graphics library available with off-the-shelf picture objects
- Standard interfaces for increasing the flexibility:
  - external Multi Media Card, used for recipe data sets and for backup of configuration/system data
- Integrated USB interface for connecting, for example, standard printers

- Simple engineering supported by comprehensive documentation on the SIMATIC HMI Manual Collection DVD
- Integral component of Totally Integrated Automation (TIA):  
Increases productivity, minimizes engineering outlay, reduces lifecycle costs
- The panel versions with stainless steel front can be optimally used in the food and beverages and pharmaceutical industries. The front panels are designed for easy cleaning and disinfecting. Liquids flow off automatically from the front panels. In addition, stainless steel fronts (including gasket) provide protection against contamination by foods.