

SAP2000

Semi-automated Flash Station for standalone use or integrated in the production environment



Picture shows tandem system

SAP2000

SAP2000 is a cost effective semi-automated programming system for parallel programming and addresses small to medium production volumes. Rapid changeover is guaranteed by the use of mounting brackets for precising the application specific fixture. The scalable system can be easily expanded to address almost any of your production requirements, the tandem system supports flashing of two different panels or of the same kind if higher volumes are required. The SAP2000 setup is as easy, FlashTASK both supports the administrator during the setup of a new job and later the operator during the flashing process, which at the end only requires pressing three push-buttons. SAP2000 includes factory installed MSP2000NET technology and supports high speed programming.

SAP2000 OVERVIEW

- Integrated semi-automated programming system for parallel programming
- Ergonomic workbench with adjustable equipment rack
- Up to two 19" racks with two separate, fully integrated power supplies to support all programmers
- Supports programming of single PCB's or panels of the same kind or different types
- Industrial PC for complete control of the system, Windows © OS, 17" TFT Monitor, keyboard with integrated mouse
- Robust and durable housing for application specific fixture
- Easy control via three push buttons and barcode scanner
- GUI, graphical operator- and administrator user interface
- Compact dimensions: 560 x 600 x 1080 (LxWxH)
- Tandem unit: 560 x 1200 x 1080 (LxWxH)
(dimensions exclude equipment rack)

Options:

- FlashTASK manufacturing management software, manages your Flash-process, provides software interfaces to manufacturing execution systems (MES), traceability software, barcode scanner interface
- Integrated 2D bar-code scanner
- Various installation and training options

MSP2000NET-Rack Technical Data

- Accommodates up to 10* MSP2000NET modules in a standard 19" rack or 5* MSP2000NET in 19" ½ rack
- Optional: In 19" rack integrated power supply, controlled and monitored to supply target application. Either installed in separate rack or together with MSP2000NET - *can limit number of programmers installable in 19" rack. Please see our separate datasheet for further details.
- Integrated Ethernet switch and power supply for programmers
- Rear panel connections: 100-240 VAC and Ethernet RJ45 host interface
- Power converter modules with galvanic isolated outputs
- Rack enclosure standard dimensions
482 x 132 x 348 mm
- MSP2000NET modules with different hardware options can be plugged in the same sub-rack



MSP2000NET Flash-System