ProMik

SAP1021

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

Example of a SAP1021

SAP1021

Overview

"The SAP1021 is a cost-effective, semi-automated programming system for on board flashing and testing of PCBs. Based on innovative MSP21XXNET technology with integrated on-board power supply for the application, the SAP1021 system ensures parallel high-speed programming and testing of multiple targets via mixed interfaces. This flexible system can be easily changed to address almost any of your board production requirements as the system supports flashing and testing of different PCBs by simply changing the fixture. The SAP1021 system can be delivered with different software packages, for more information see table below. System operation is as simple as loading the PCB into the fixture, closing the cabinet, and pressing the corresponding button on the PC. The SAP1021 can be delivered with a factory installed MSP21XXNET in the adapter or can be also supported by a rack mounted version.

Available Software Packages

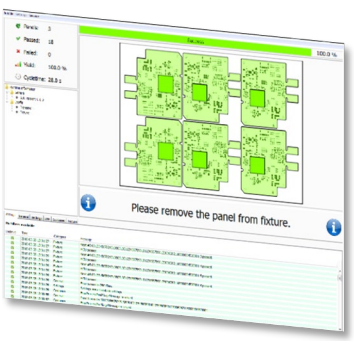
FlashTask Pro & pOnline_Pro (for more details see datasheets)

	FlashTaskPro	pOnlinePro
Job Editor	✓	–
Job Engine	✓	–
Graphical User Interface	✓	*
MES Connectivity	✓	*
Test Tool	✓	✓
Panel / Multi-PCB programming	✓	*
Cyber Security Features	✓	*
Handler interface protocol	Not Needed	*
Dynamical data handling	✓	*
DLL interface (C#, C++)	Not Needed	✓
Integration effort	Very Low	Project-Specific
Diagnose File	✓	–

* The user is responsible for the implementation of functions in the control software.

SMART ICT

- Testing based on ProMik bootloader technology
- FlashTask Pro GUI (graphic user interface)



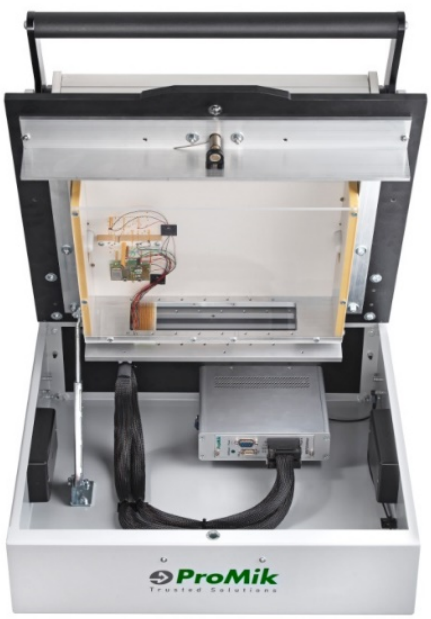
Key Features

- Integrated semi-automated programming system based on
- MSP21XXNET with target power supply
- Ergonomic workbench
- Supports programming of dual PCBs or two MCUs on one board
- Robust and durable housing for application specific fixture
- GUI, graphical operator- and administrator user interface
- Rear panel connections: 100-240 VAC and Ethernet RJ45 host interface
- Dimensions:

Type	(W X L X H)	effective area
SAP1021-1	320 X 515 X 270	155 X 250
SAP1021-2	460 X 515 X 270	295 X 250
SAP1021-3	620 X 585 X 270	450 X 320

Option:

Pre-installed Industrial PC for complete control of the system, Windows © OS, 17'' TFT Monitor, keyboard



Build in MSP2100NET In-System Programmer