

ProMik XTL-m

Manual Flash & Test Station for standalone use or integrated in the production environment



*Example of a SAP1021



XTL-m

Overview

The XTL-m is a cost-effective manual programming system for on-board flashing and testing of PCBs. Based on innovative MSP21XXNET technology with an integrated on-board power supply, the XTL-m system ensures parallel high-speed programming and testing of multiple targets via mixed interfaces. This flexible platform can be easily adapted to meet almost any board production requirement, as different PCBs can be supported simply by changing the fixture.

System operation is straightforward: the PCB is placed into the fixture, the cabinet is closed, and the process is started with a single command on the PC. The XTL-m can be delivered with a factory-installed MSP21XXNET in the adapter, or alternatively supported by a rack-mounted version. The rack-mounted setup provides even more flexibility, as it can be freely positioned next to the system by means of ProMik's IP-protected cable technology. The XTL-m can also be delivered with different software package options, ensuring the right configuration for any application.

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 Test:

- SMART ICT Testing based on ProMik bootloader technology
- Boundary Scan according to IEEE 1149.1 with the same programming hardware



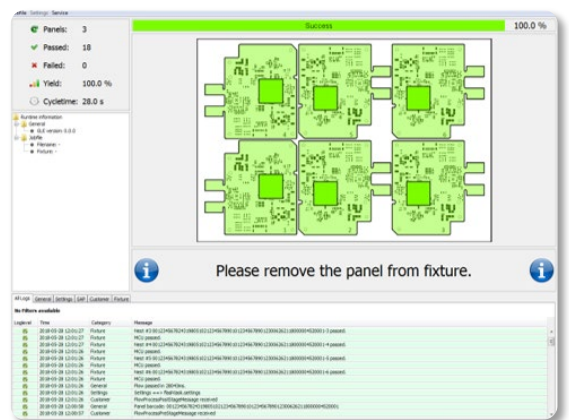
Key Features

- Integrated programming system based on MSP21XXNET technology with target power supply
- Ergonomic workbench
- Supports programming of multiple targets in parallel
- Robust and durable housing for application specific fixture
- FlashTask Pro GUI (graphic 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 and display.



*FlashTask Pro GUI