

# ProMik

## XTL-i

Fully automated inline handling for series production



# XTL-i

## Overview

ProMik's fully automated inline handling system enables high-speed flash programming and testing with scalable, modular design. Featuring smart fixture recognition, Industry 4.0 connectivity, and multifunctional test handling, it ensures cost-efficient, high-throughput production with easy integration.

## Benefits

- **Increased Production Efficiency** – Fully automated handling reduces cycle times and enables high-throughput programming and testing.
- **Cost Savings** – Economical fixture concept and reusable tooling minimize investment and operational costs.
- **Scalable & Flexible** – Supports single, dual-side, and dual-stage contacting, adapting to different production needs.
- **Seamless Integration** – Industry 4.0 connectivity ensures smooth implementation into existing production environments.
- **Reliable & Future-Proof** – High-quality welded steel frame construction and advanced testing capabilities ensure long-term stability and adaptability.

## Key Feature

- Inline test and flash programming station
- Robust steel frame construction
- Automatic band width adjustment
- User-Friendly HMI & Software Interface
- Multifunctional test handling
- 19" Mounting space
- Based on (Ingun) standard fixture platform
- Single, dual side and dual stage contacting
- Cost-effective fixture reusability concept across the PLM
- Easy fixture exchange



# XTL-i

## Technical Specification

PCB handling time	typical 6 sec.
Change-over time for fixture	< 1min (top & bottom)
Press down force	2.500N (optional 4500N) spindel driven
Contacting method	Top (single-stage) and bottom (multiple stage)
Transport speed belt	100-800 mm/s
Transport height	Technical Specification
Transport direction	Left to Right
Mounting space for equipment	11U - 19" rack frame with 500mm depth
Location PCB stopper	Transport rail back side
Fixture machine locking	Manual
Fixture machine interface	up to 10 pylon blocks
Fixture Identification	RFID
Light tower	Three color
Monitor	21.5" touchscreen
Machine Controller	IPC GPIO control plus real-time safety PLC
Software	FlashTask Pro with three different user levels
Dimensions(L x D x H)	800 x 850 x 1850 mm (excluding signal tower& automatic doors)
Energy requirement	230V+10%,50 Hz-208 V+10%, 60 Hz-200 VA
Compress air	6-8 bar oil free and filtered air
Air consumption max.	12 l/min
Color	RAL 7035 ESD
Weight	ca. 450 kg
Standards	SMEMA interface up and downstream
CE certification	CE safety compliance

## Panel Specification

PCB width	40-310 mm
PCB length	50-400 mm
PCB ratio	0,8 (length $\geq$ 0,8x width)
PCB thickness	>0,8 mm
Transport edge support	min. 3 mm
PCB weight	max. 2,5 kg
Centering	2 diagonal center holes
Max. component height (Top)	56 mm
Max. component height (Bottom)	25 mm

## Dimensions

