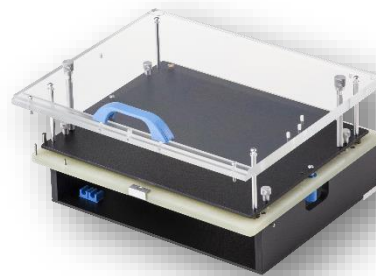


KT1000i

An inline test handling system for INGUN test fixtures type ATS MA12. The test fixture can be used manually with the INGUN basic unit MA-2112 as well as for automated tests in the KT1000i. This results in significant cost savings for new product start-ups, strongly increasing or fluctuating batch sizes in production. Product changes on the KT1000i are possible in under a minute. The KT1000i is our standard solution for maximum flexibility within the testing environment.



product-highlights:

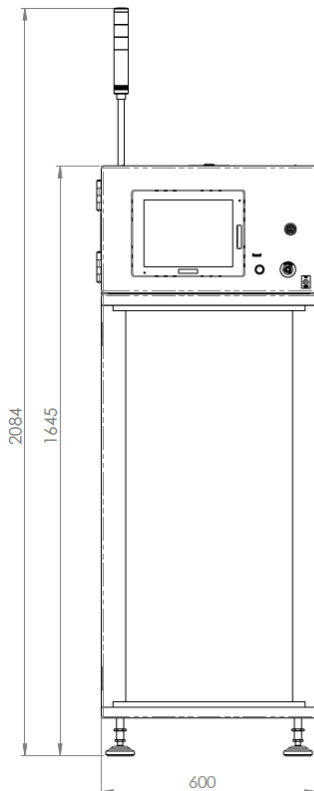
- ✓ usage of INGUN test fixture type ATS MA12
- ✓ multi-level test for functional and incircuit testing in 1 contacting stroke
- ✓ test fixture change in less than 1 minute
- ✓ compact footprint
- ✓ handlingtime 3 seconds
- ✓ user friendly touch panel operating system
- ✓ test system can be integrated into lower compartment

technical specifications

	KT500	KT1000	KT1000i	KT2000
				
test fixture	KABTEC inline 1000 or offline Hatec compatible	KABTEC inline 1000 Hatec compatible	INGUN ATS MA2112	KABTEC inline 2000 Hatec compatible
contact	multi-level bottom, dual sides possible with transfer pins	multi-level dual sides	multi-level bottom, dual sides possible with transfer pins	multi-level dual sides
tests	ICT/FKT	ICT/FKT	ICT/FKT	ICT/FKT
DUT feed	manual	belt feed	belt feed	belt feed
test fixture or product change	< 1 min.	< 1 min.	< 1 min.	< 1 min.
max. board size [mm]	320 x 260	320 x 260	285 x 240	500 x 450
contact force [N]	max. 4.000	max. 5.500	max. 2.000	max. 9.000
max. probe count	1.360	2.720 (extendible to max. 3.200)	1.190	4.420 (extendible to max. 4.800)
height transport level [mm]	variable depending on integration	950 ± 50	950 ± 50	950 ± 50
handlingtime [s] high speed min*	manual feed	3	3	5
handlingtime [s] SMEMA max	manual feed	5	5	7
min. diameter of testpad [mm]	0,4	0,4	0,8	0,4
footprint BxTxH [mm]	450 x 550 x 980	600 x 970 x 1.670	600 x 970 x 1.670	900 x 1.200 x 1.670
HMI	3,5 inch touchpanel	12 inch touchpanel	12 inch touchpanel	12 inch touchpanel
component height top/bottom [mm]	max. 45/-	max. 50/50	max. 50/50	max. 50/50
standard communication interface	testsystem: RS232 / ethernet	line: RS232 / SMEMA testsystem / scanner: RS232 / ethernet remote maintenance	line: RS232 / SMEMA testsystem / scanner: RS232 / ethernet remote maintenance	line: RS232 / SMEMA testsystem / scanner: RS232 / ethernet remote maintenance
power requirements [V]	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
compressed air [bar]	not required	6bar unrolled	6bar unrolled	6bar unrolled
weight [kg]	approx. 120	approx. 250	approx. 250	approx. 450
<small>* depending on dimension of PCB and test fixture assembly</small>				
options + accessories				
electrical adjustment of band width		✓	✓	✓
integration of 19 inch components	✓ with 19" cabinet	✓	✓	✓
conveyor		✓	✓	✓
conveyor with scanner unit		✓	✓	✓
scanner installation		✓	✓	✓
marking station		✓	✓	✓
monitor holder	✓	✓	✓	✓

dimensions

front view



side view

