

KT500


The manual contacting station KT500 offers a cost-effective introduction to functional and incircuit testing of PCBs. The test fixtures are 100% compatible with the fully automatic handling system KT1000.



product-highlights:

- ✓ inline compatible testfixtures
- ✓ can be integrated into 19" cabinet
- ✓ high contact forces compared to conventional manual systems
- ✓ compact offline teststation
- ✓ almost powerless operation via rolling mechanism
- ✓ dual-side multi-level testing
- ✓ test fixture change in less than 1 minute

technical specifications

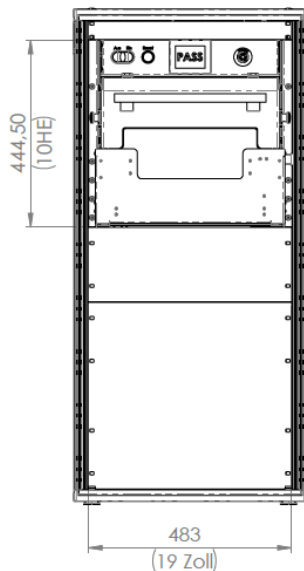
	KT500	KT1000	KT1000i	KT2000
				
test fixture	KABTEC inline 1000 or offline Hatec compatible	KABTEC inline 1000 Hatec compatible	INGUN ATS MA2112	KABTEC inline 2000 Hatec compatible
contact	multi-level bottom, dual sides possible with transfer pins	multi-level dual sides	multi-level bottom, dual sides 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 (extensible to max. 3.200)	1.190	4.420 (extensible 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

* depending on dimension of PCB and test fixture assembly

options + accessories	KT500	KT1000	KT1000i	KT2000
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

