

# Ersa VERSAPRINT B1

High-end screen printer technology  
now at an unbeatable price!



## All-around carefree package – all inclusive!

Your entry into the line production  
now available at an unbeatable price.

Contact us today: [unbeatable@kurtzersa.com](mailto:unbeatable@kurtzersa.com)



**60.000,- €\***  
VERSAPRINT B1 kompl.

*\*plus VAT,  
Special offer valid within  
Europe until 30.06.2014!*

### Scope of supply & services:

- Area camera for substrate alignment and inspection
- Stencil cleaner
- Traceability of print and inspection process data
- One squeegee set
- Paste height control on the stencil
- ESD-kit
- Packaging, delivery ex works
- 2 days on-site machine installation, start-up and training by our specialists
- Manual „The perfect print - a concise guide to solder paste printing“



 **kurtz ersa**

# Ersa VERSAPRINT B1

## Revolutionary inline screen printer technology

The VERSAPRINT B1 is the ideal printer to enter line production and is perfectly suitable for customers expecting a perfect print result in combination with an easy to use printer system.

The printer is equipped with an area camera that uses two separate camera modules. Both modules have two illumination techniques: direct and diffuse illumination, thus qualifying them to recognize even most complicated structures on the substrate. Integrated in the standard system, the programmable automatic stencil cleaning system ensure quick and

efficient cleaning results of the bottom side of the stencil whenever a cleaning cycle is necessary.

A wide range of options are available to configure the B1 printer for production needs. Setup control, Data-Matrix-Code reader, retractable over top clamping, air conditioning and PCB dispenser are only a few examples of the options available.

Combining the VERSAPRINT B1 with an SPI-system the closed-loop-function feedbacks the result to the printer which could be used to optimize the printing process.

Certainly the printer can be equipped with the optional available 2D-inspection to verify the position, quality and the risk of shorts for glue or solder paste printing. On the stencil the apertures and under stencil smearing will be inspected.

### Technical data Ersa VERSAPRINT B1

#### Substrate handling

min. substrate size (X x Y):	80 x 50 mm
max. substrate size (X x Y):	550 x 500 mm
Substrate thickness:	0.5 – 6 mm
Component clearance:	0 – 30 mm

#### Stencil mount

stencil size:	min. 450 x 450 mm – max. 737 x 737 mm, adjustable without adapter
---------------	--

#### Print parameters

Print head:	two independent print heads; continuous pressure control in a closed-loop system; adjustable squeegee down stop weight compensation for different squeegee length
Print force:	0 – 260 N

#### Vision

Camera:	area camera for alignment and inspection
FOV (field of view)	10.5 x 8 mm

#### Performance

Repeatability:	± 12.5 µm @ 6 Sigma
Print accuracy:	± 25 µm @ 6 Sigma
Cycle time:	< 10 s + print
Setup time:	< 10 min
Product change:	< 2 min

#### Machine operation

Graphic user interface:	SEMI-Standard E95-1101
-------------------------	------------------------

#### Machine dimensions

Width:	1,190 mm
Depth:	1,770 mm
Height:	1,600 mm
Weight:	1,070 kg
Colour:	RAL 7035/7016