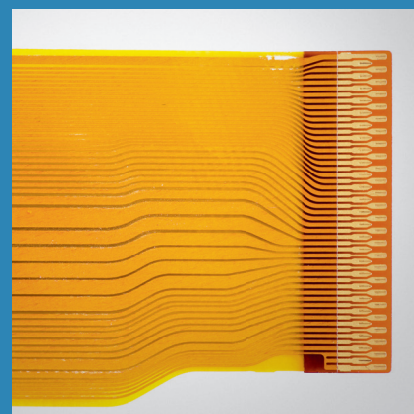
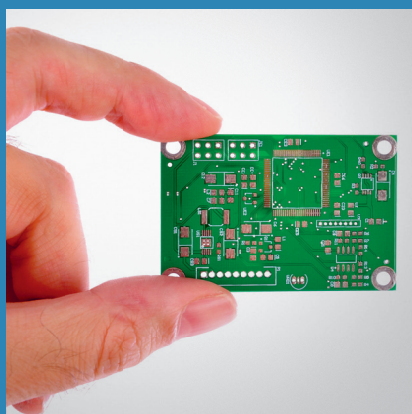




# intec ag

**intecag**

Industrielle Technik Electronic AG



## Who we are and what we do.

Since almost 40-years, Intecag, Industrielle Technik Electronic AG, is a company, specialised in service and trading with electronic and electro-mechanical quality components.

With our large experience in worldwide import and export, short and reliable delivery times include inventory management as well as competitive prices this could establish long term partnerships with our suppliers and customers. Such partnerships have lasted for decades with both, suppliers and customers!

We are proud to be the official distributor of the ERSA soldering tools, rework & inspection systems in Switzerland. As the No.1 in soldering, ERSA is the best possible partner to solve all soldering tasks of our customers. Also as a distributor of ENGINEER Inc. from Japan, a leading manufacturer of professional hand tools and tools specifically developed for the electronic industry, we won a strong partner to serve our customers best.

Our customers are well-known companies acting within different markets, such as: industrial electronic, automobile, precision apparatus, laboratory apparatus, air humidification & conditioning, telecommunication, etc.

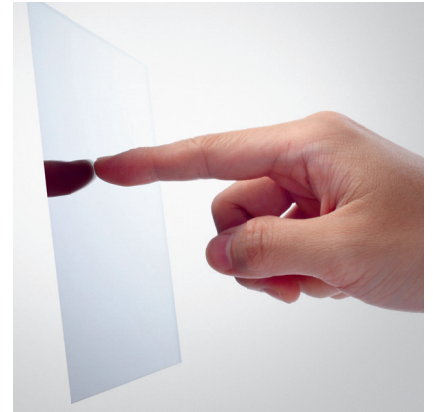
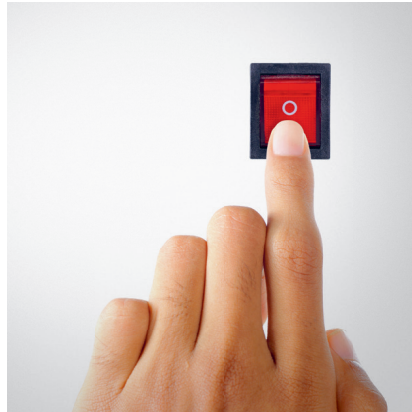
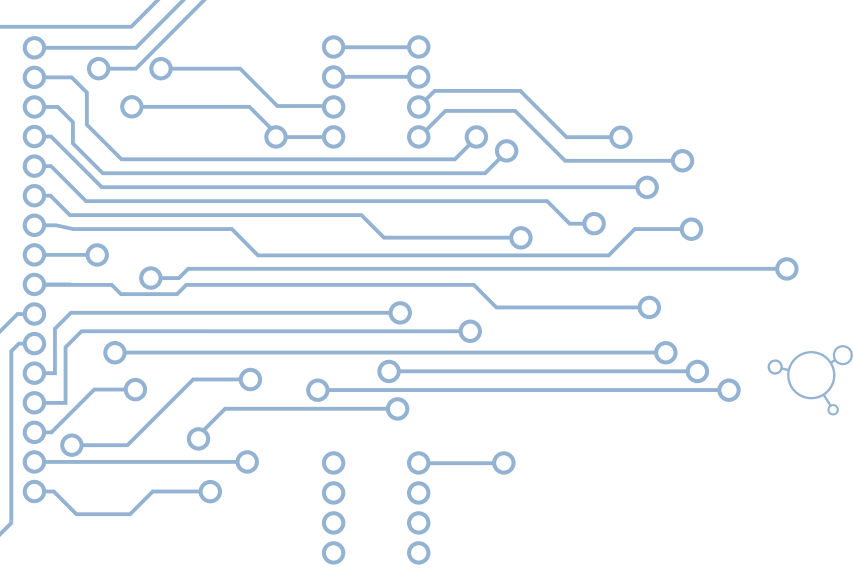
Please don't hesitate to contact us. We look forward to hearing from you!

## Circuit Boards (PCB)

### unpopulated and populated

Our comprehensive range compromise unpopulated and populated PCB for each application, any size and amount, from simple flex-prints to PCB for the upmost demands and/or specialities. Single- or double-sided boards, multilayer or flex-prints will be manufactured according to your specifications and wishes.

All products are quality tested and all processes strictly controlled according to the guide line of the well known standards organisation, like: ISO, UL, IPC, MIL, BSI, GB, ANSI/ESD & AMS/OHSAS.



## Membrane keyboard

Our range of membrane keyboards is almost unlimited regarding forms and colours. Tested, long-lasting, all-purpose and upmost products quality for each professional and industrial application. Dimensions and layout, like assignment of keys, etc. can be produced according to your requirements and wishes.

Version with flat and/or embossed key type with either metal or mylar dome, i.e. with or without tactile response. Data link and plug connection as standard version or according to your specification. Versions with back light effect, with or without LED or without display window. Also membrane keyboard – touch-screen combinations (matrix types) are available.

## Electronic and electromechanical components

Our range includes rocker switch, indicator lamp, warning lamp, LED, plug, fuse holder etc. for integration in a wide range of products and equipments.

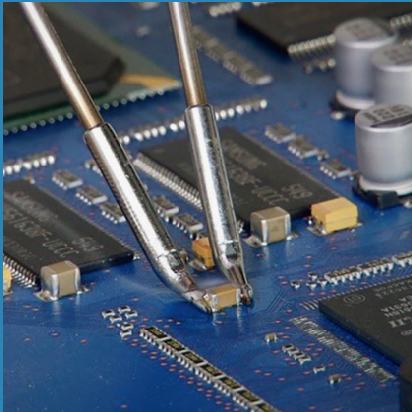
## Touchscreens

In order to meet all different kind of requirements and field of application our touch-screen work according to the following function principle:

- Resistive touch-screen, (from 4-wire up to 8-wire), surface capacitive touch-screen and projected capacitive touch-screen.
- We offer both single-touch and multi-touch on either resistive or capacitive touch-screen.

Following some examples of touch-screen application:

- Industrial PC's, navigation system (automotive), office equipment (copy), handheld console, HMI, time recording system, gastronomy pay desk, mobile phones, tablets, e-books, game console etc.



## ERSA Soldering Tools & Accessories

For decades now, ERSA Soldering Tools are the embodiment of quality and reliability. They also stand out on account of their continuous advance in technology. The i-CON soldering stations, for example, possess with the i-TOOL one of the most powerful hand soldering iron (150 W) with exchangeable tip.

### Consistent Soldering Quality

On all professional solder- and desolder tools, the temperature is captured directly at the soldering tip. And only a constant top temperature is the assurance for a constant soldering quality.

In other was as well, ERSA soldering stations present its user technological details, which will facilitate and simplify his daily work:

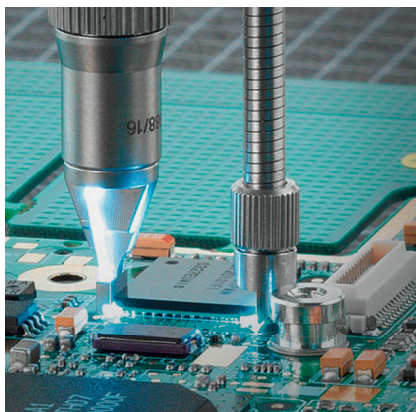
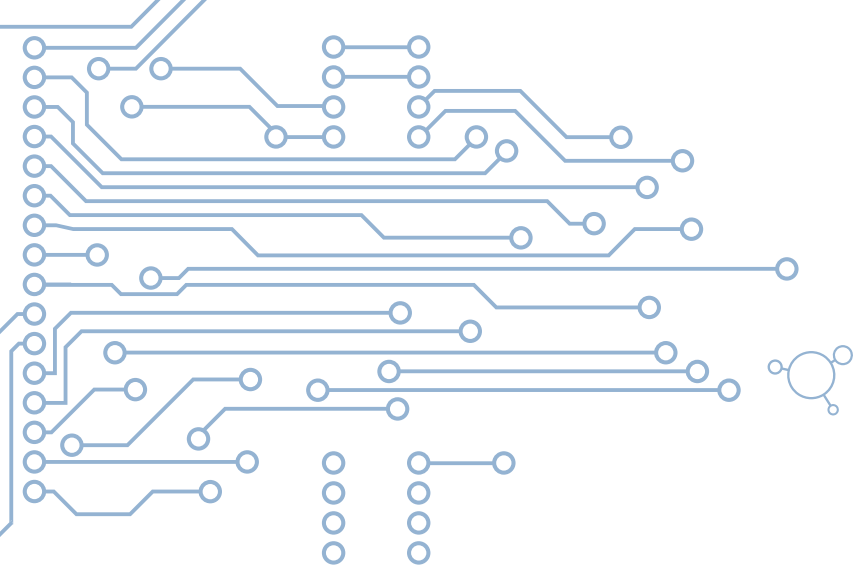
- Plain text display in the language of the country
- Motion sensor in the handgrip
- Standby and sleeping mode
- Interfaces to peripherals
- and much more

## ERSA Rework Systems

ERSA Rework Systems ensure the professional repair of electronic assemblies and protect the value added for its users. The task of desoldering, placement and resoldering all types of SMD components can easily and quickly be learned by any user.

### Thousandfold proven IR Technology

On account of the exact temperature control, even a “one piece” repair of a component is successfully possible. For the heating technology, ERSA - as the only manufacturer to do so - consequently relies on the homogeneous heating up of the board assembly and the components with medium wave length IR emitters or gentle hybrid emitters. The latter combine the proven and trusted IR technology with a convection heater. For the placement of the components, camera based systems are applied. They enable components to be placed, either manually or automatically, with an accuracy of +/-25 µm.



## ERSA Inspection Systems

The optical inspection of solder joints supports all users in the electronic manufacturing environment in their drive to ensure their production quality. ERSA inspection systems are worldwide the only systems that enable its user to view, with its patented endoscope optic, hidden solder joints, for example joints on a ball grid array.

### Perfect Assessment of the Solder Joint

Live images of the solder joint with a 700 fold magnification permit the assessment of the solder joint like no other system. ERSASCOPE systems optimally complement the following test methods:

- automatic X-ray inspection (AXI)
- automatic optical inspection (AOI)
- In-Circuit-Test (ICT)

## Hand Tools

ENGINEER INC. established 1948 in Japan, is one of the leading manufacturer of hand tools and specific tools for the electronic industry.

Besides the typical hand tools, ENGINEER INC. also manufactures tool sets, soldering supplements, magnifiers, ceramic alignment driver, numerous different nippers, crimping pliers, tweezers as well as anti-static products.

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