

Ergonomic Workstations

ERGONOMIC WORKSTATIONS ASSEMBLY TABLES WITH INTEGRATED SCAN2LIGHT SYSTEM

Make full use of the MiniTec modular assembly system and the advantages it offers when used in combination with the new Scan2Light-Systems Scan2Light@work and Scan2Light@process. Combined with the height-adjustable workstations from MiniTec they are the ideal helpers for your assembling and testing operations.

MiniTec workstations are available in standard sizes or can be

individually designed according to customers request. All workstations can be equipped with the new, effective Scan2Light-System to improve assembly efficiency.

The modular design guarantees that all workstations from simple to individual requirements are cost-effective and can be considered for a variety of production and assembly works.



Ergonomic Workstations

SCAN2LIGHT@WORK & SCAN2LIGHT@PROCESS

The new Scan2Light-System from iXtech is available in two different types, Scan2Light@work and Scan2Light@process. They are the economical solution for efficient assembly and for fast identification of parts locations. The modular hard- and software system is robust and durable with a user friendly interface as well as an easy and simple installation procedure.

Scan2Light@work and Scan2Light@process are an ideal addition to the MiniTec workstations, integrating seamlessly with our well-known and approved modular assembly system. Thanks to innovative technologies the Scan2Light-System is affordable.

The Scan2Light@work package includes a Plug-and-Play-solution and it can be used as a closed system immediately after plug-in. The electronic assistance for assembling works by illuminating

different coloured LED-modules. The stock locations or the next mounting steps are indicated by optical signals. The scope of supply includes a hand scanner with a controlling 'black-box', as well as barcodes with integrated commands.

The Scan2Light@process package is equipped with a up-to-date server controlling system with an excellent interface connection to existing ERP-systems.

The instructions for work, mounting and testing are issued by an intuitive operator touch-screen – reducing the training and implementation time. Pre-assigned operational procedures can be chosen or new procedures can be generated. It is possible to create a workmen-work-flow or a one-piece-flow.



- **INCREASE PRODUCTIVITY**
- **PREVENT DEFECTS DUE TO WRONG OR MISSING PARTS**
- **ESPECIALLY SUITABLE FOR DIFFERENT PRODUCT TYPES**
- **SHORT LEARNING PHASES**
- **EASY HANDLING**

TECHNICAL DATAS:

GENERAL DATA SCAN2LIGHT

- Dimension Scan2Light-channel (20 x 20 mm)
- Minimum storage space distance 50 mm (without quantity display)
- Movable modules
- Modules connection: plug system with 4-wire technology
- Modules types:
 - Multi-colour eye-catcher signal
 - Multi-colour eye-catcher signal with 2-digit 7-segment display (minimal storage space distance 100 mm)
 - Confirmation sensor (minimal storage space distance 100 mm)

SCAN2LIGHT@WORK

- Control module
 - Maximum storage space distance 2000 mm
 - Up to 500 Scan2Light-modules per display module
 - One control module per working place
 - Isolated operation or workplace cross process controlling not possible
 - External connection of on-site computer systems via upgrade of Scan2Light@process possible
 - Commissioning through control barcodes

SCAN2LIGHT@PROCESS

- Activation of control module by central server software
- Connection of on-site computer systems by interface
- Individual configuration of work processes
- Workplace cross processes possible
- Implementation of different input and output equipment (e.g. touch-screen)
- Possibility to connect for 4 further external push-buttons (Confirmation of removal, new start of process, overlap, etc.)