

ISOMA[®]





The problem

The world of manufacturing, control and inspection of microparts is vast but the working positions and environments are similar worldwide.

Problems causes

Health:

In watch industry it's estimated 6 -16 % absence to work linked to cervical problems.

Health:

Day and night headaches are very frequent and they are linked to the working position, constant visual-focus and light fatigue.

Health:

The longevity of workers are extremely reduced because of reduced vision or exhaustion.

HR:

The current working position is not attractive, specially for young generations.

Production and teamwork:

Speed and efficiency of work while sharing a common micro-parts are highly penalized with the current „1 magnifier or microscope“.

Benefits at a glance

- Improved ergonomics and thus less absenteeism and better working conditions for employees
- High-resolution live images for precise and fast operation
- Focusing by button in any position and viewing direction
- Most compact design for easiest integration
- Aluminum construction
- No PC necessary



The solution

High resolution images displayed on any monitor in „live“. Everything is movable and needs no computer and so usable everywhere.



LIVEscope™

Viewing system, live transmission of the video on a high-resolution screen, so that the user can see his activity, magnified and live. The control of the light, focus and image capture functions is done through the small control panel

Technical data

Resolution: FULL-HD screens of 1920 x 1080 px

PixeFrame rate: limiting is the display

Connection: with HDMI cable (included) to screens

Power supply: USB-C 5V 3A min

Size: 50 x 150 x 120 mm

User interface with buttons for:

- Focus adjustable from 5 mm to 5 m
- Integrated LED illumination
- Image and video capture



We'll be happy to help

Call us and we'll be happy to show you the benefits of ISOMA LIVEscope™ in person.

Make an appointment:

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ISOMA®

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