

WATCHMAKER'S CHECKLIST

The optimal watchmaker's bench for professional servicecentres

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A watchmaker's bench has a direct impact on precision, ergonomics and day-to-day efficiency. Use this checklist to evaluate the key criteria before investing in a new workstation and establish a solid basis for planning your service centre..

A workbench should adapt to the watchmaker – not the other way around.

1. Work surface and materials

1.1 Are cleaning agents or solvents used regularly in your workshop?

Recommendation: HPL work surfaces offer excellent chemical resistance and are particularly easy to maintain.

☐ yes ☐ partially ☐ to be reviewed ☐ no

1.2 Is the work surface material suited to your workshop's daily operations?

Note: Depending on the type of wood, regular maintenance may be required.

Available materials:

- HPL
- Linoleum
- Solid wood
- Corian
- Other specialist surface materials

☐ yes ☐ partially ☐ to be reviewed ☐ no

1.3 Can different materials be combined for different workstations or applications?

☐ yes ☐ partially ☐ to be reviewed ☐ no

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2. Ergonomics

2.1 Can the working height be adjusted individually?

☐ yes ☐ partially ☐ to be reviewed ☐ no

2.2 Are the forearms and shoulders properly supported?

☐ yes ☐ partially ☐ to be reviewed ☐ no

2.3 Does the seating position remain comfortable during extended microscope work?

☐ yes ☐ partially ☐ to be reviewed ☐ no

2.4 Is there sufficient legroom?

☐ yes ☐ partially ☐ to be reviewed ☐ no

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3. Organisation and Workflow

3.1 Are frequently used tools within immediate reach?

☐ yes ☐ partially ☐ to be reviewed ☐ no

3.2 Can drawers remain open without restricting the watchmaker's working position?

☐ yes ☐ partially ☐ to be reviewed ☐ no

3.3 Are tools, spare parts and work in progress clearly organised and separated?

☐ yes ☐ partially ☐ to be reviewed ☐ no

3.4 Can the storage capacity be expanded in the future?

☐ yes ☐ partially ☐ to be reviewed ☐ no

Notes:

4. Precision and Stability

4.1 Does the work surface remain vibration-free during microscope work?

☐ yes ☐ partially ☐ to be reviewed ☐ no

4.2 Is the bench frame designed to support heavy microscopes and additional equipment?

☐ yes ☐ partially ☐ to be reviewed ☐ no

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4.3 Can the complete workstation, including accessories, be adjusted smoothly in height?

☐ yes ☐ partially ☐ to be reviewed ☐ no

Notes:

5. Cleanliness and Process Reliability

5.1 Are dust-generating operations separated from precision work?

☐ yes ☐ partially ☐ to be reviewed ☐ no

5.2 Can sensitive components be protected from dust contamination?

☐ yes ☐ partially ☐ to be reviewed ☐ no

5.3 Are specialised tools integrated and protected when not in use?

☐ yes ☐ partially ☐ to be reviewed ☐ no

5.4 Are Laminar Flow or cleanroom solutions considered where required?

☐ yes ☐ partially ☐ to be reviewed ☐ no

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6. Lighting

6.1 Can the workstation lighting be positioned optimally?

☐ yes ☐ partially ☐ to be reviewed ☐ no

6.2 Does the lighting provide shadow-free illumination?

☐ yes ☐ partially ☐ to be reviewed ☐ no

6.3 Can the lighting system be upgraded or expanded in the future?

☐ yes ☐ partially ☐ to be reviewed ☐ no

Notes:

7. Future-Proofing

7.1 Are power, compressed air and data connections planned with sufficient flexibility?

☐ yes ☐ partially ☐ to be reviewed ☐ no

7.2 Can ESD protection be integrated?

☐ yes ☐ partially ☐ to be reviewed ☐ no

7.3 Can the workstation be expanded in the future?

☐ yes ☐ partially ☐ to be reviewed ☐ no

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7.4 Does the manufacturer offer a modular system for future expansion?

☐ yes ☐ partially ☐ to be reviewed ☐ no

Notes:

Your Assessment

How many criteria did you mark as «yes»?

21–25 criteria marked:

Your workstation already meets many of the requirements of a professional watchmaking environment. Identify the remaining areas that could be further optimised.

15–20 criteria marked:

Your workstation provides a solid foundation. There is still potential to further improve ergonomics, efficiency and future adaptability.

0–14 criteria marked:

A professional workstation assessment can help identify opportunities to improve workflow, ergonomics and precision while ensuring your workstation is perfectly suited to your operational requirements.

Looking to optimise your watchmaking workstation?

Our specialists will be pleased to help you develop the ideal solution for your workshop or service centre. Visit our showroom in Biel or arrange a no-obligation consultation with our team.

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