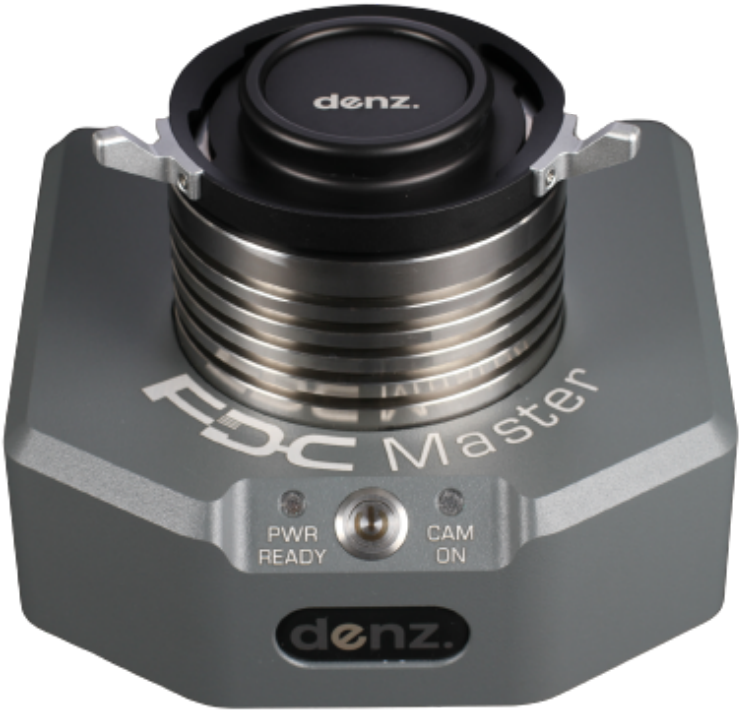
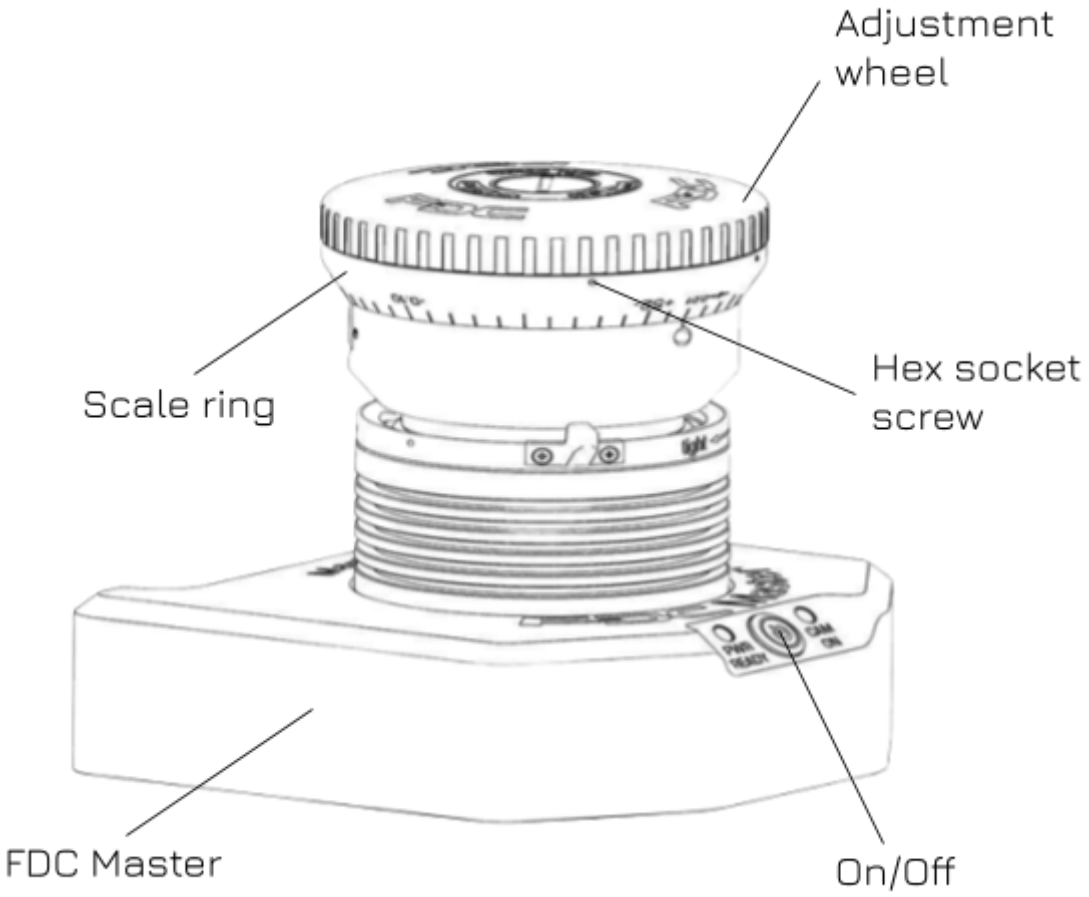
USER MANUAL



Flange Depth Controller Master

FDC Master PL	FDC Master LPL
C0100007	C0100156

Product overview



Scope of Delivery

- ☐ FDC Master
- ☐ Power Supply (AC/DC-Converter)
- ☐ Protection Cap
- ☐ User Manual

Specifications

Offset Measurement	52.00mm
Accuracy	± 3µm
Ref. Measuring Temp.	21°C
DC-In	12V

Device Setup

1. Set up the FDC Master on a flat and even surface and connect it to the power supply.
2. Attach the FDC devices to the mount of FDC Master.
3. Connect the FDC Master to a display through the video or analog output.

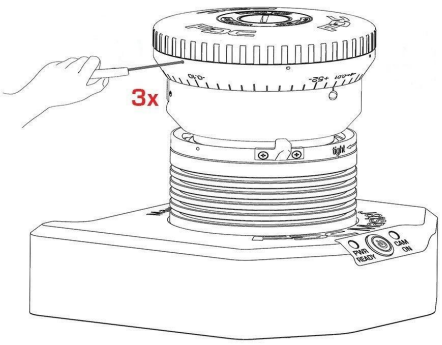
Compatible FDC devices for FDC Master PL

FDC Multi	C0100003
FDC Light	C0100153

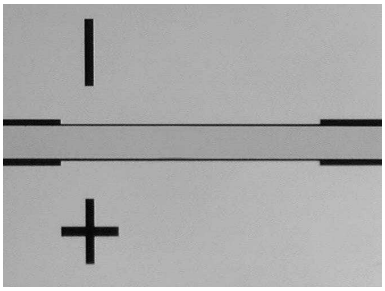
Compatible FDC devices for FDC Master LPL

FDC LPL	C0100128

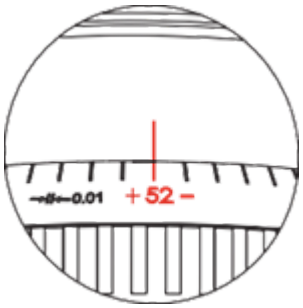
Performing calibration



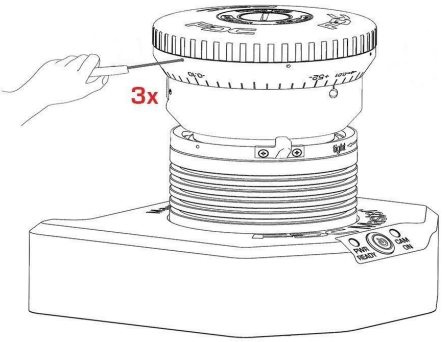
The scale ring is unhitched from the adjustment wheel by loosening the three hex socket screws on the scale ring of the FDC device.



Turn the unhitched adjustment wheel until the middle bar is positioned exactly in between the two outer bars.



The loosened scale ring is then turned to the designated value of 52.000.



It is crucial that all three hex socket screws are screwed equally tight to avoid scale ring deformation.

Disclaimer

1. Clean flange of both FDC devices and FDC Master only with suitable tools (e.g. lint-free cloth and alcohol).
2. Dust and hair leads to inaccurate measurement.
3. The FDC Master is sensitive to shocks and vibrations.
4. The FDC Master is not to be exposed to extreme temperatures, direct sunlight and humidity.
5. Customers are advised not to disassemble the FDC Master.
6. Only use the power supply provided by DENZ.
7. Repairs and services are to be performed only by authorised personnel.
8. Mistreatment may lead to misalignment, inaccurate results, damage to device or short-circuit.
9. Any violation on the disclaimer mentioned above results in void of warranty.