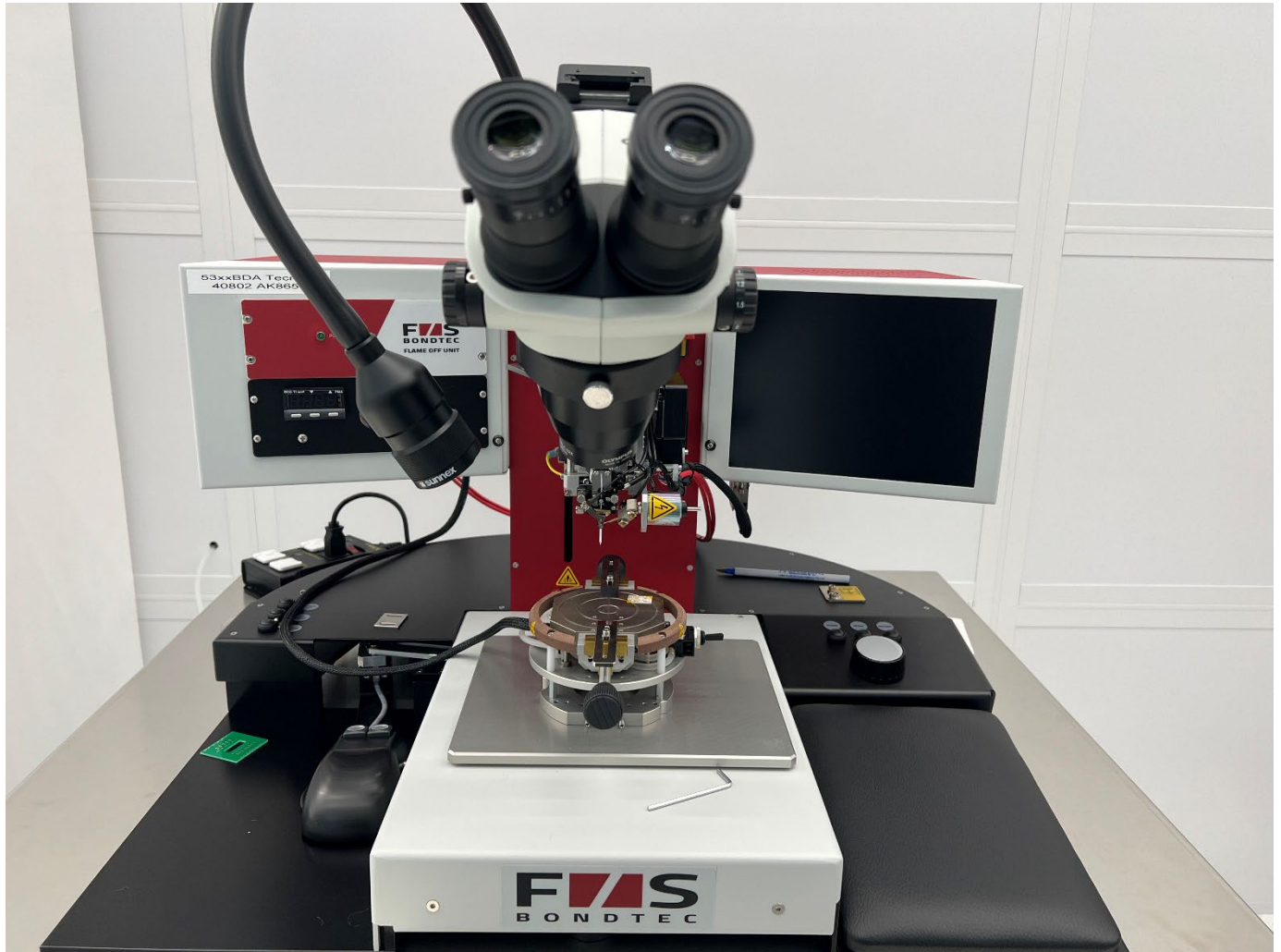


STANDARD OPERATING PROCEDURE WIRE BONDER



START UP

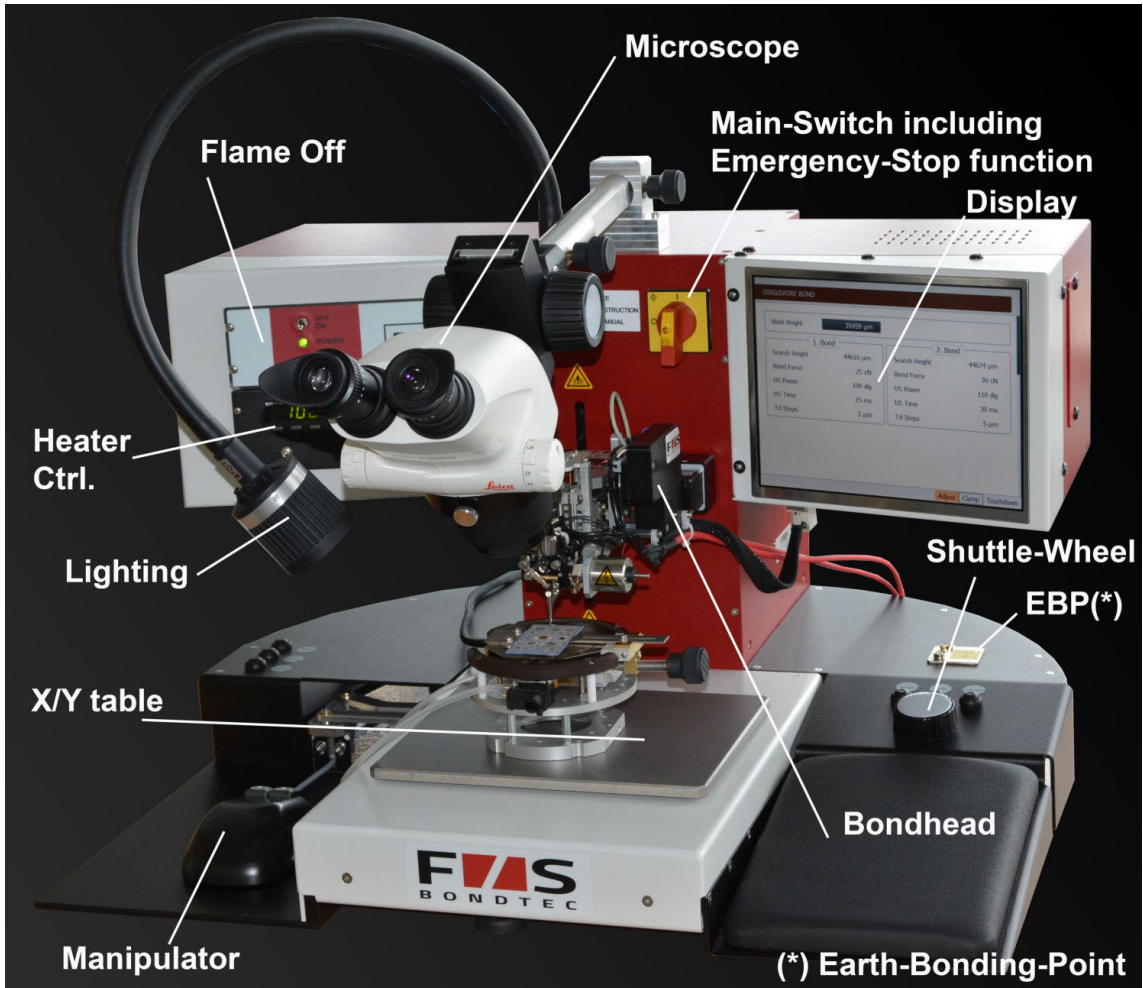
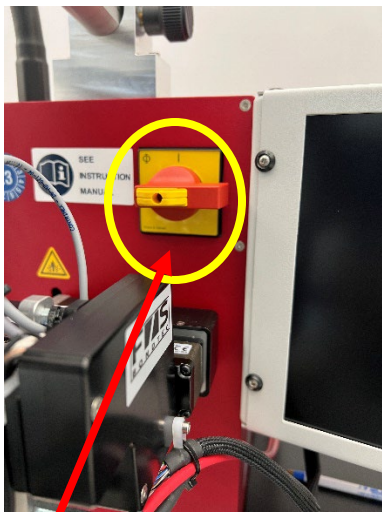
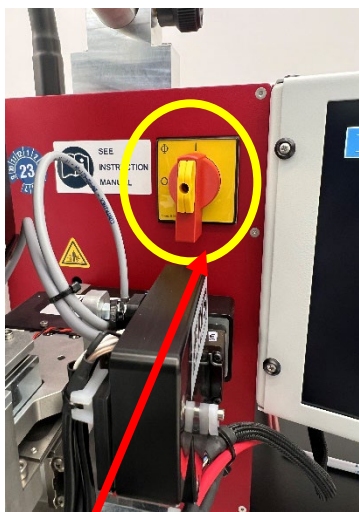


Fig. 1



Main Switch OFF

Fig. 2



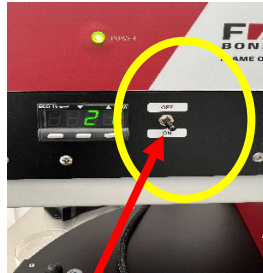
Main Switch ON

Fig. 3



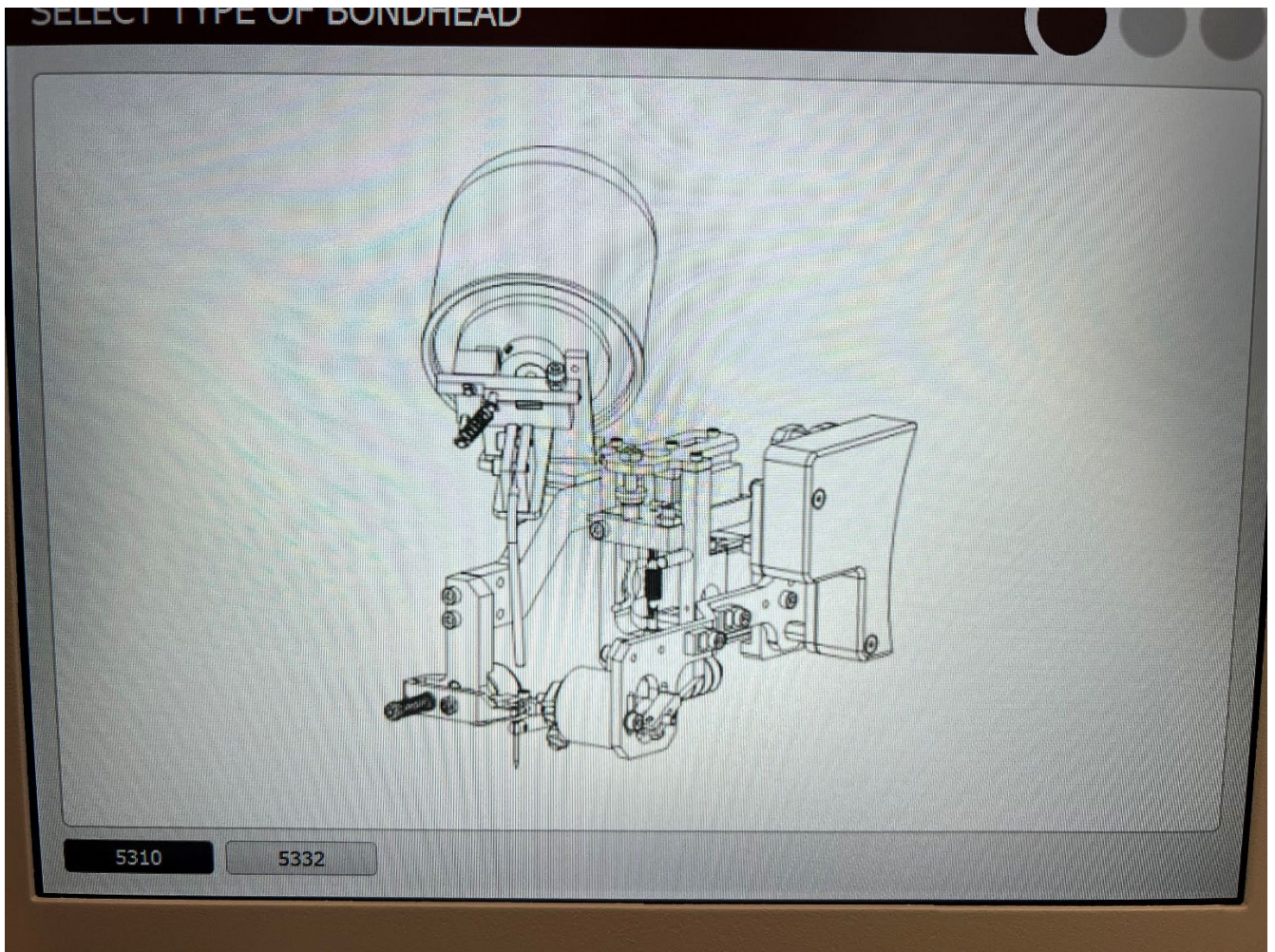
Light Switch

Fig. 4



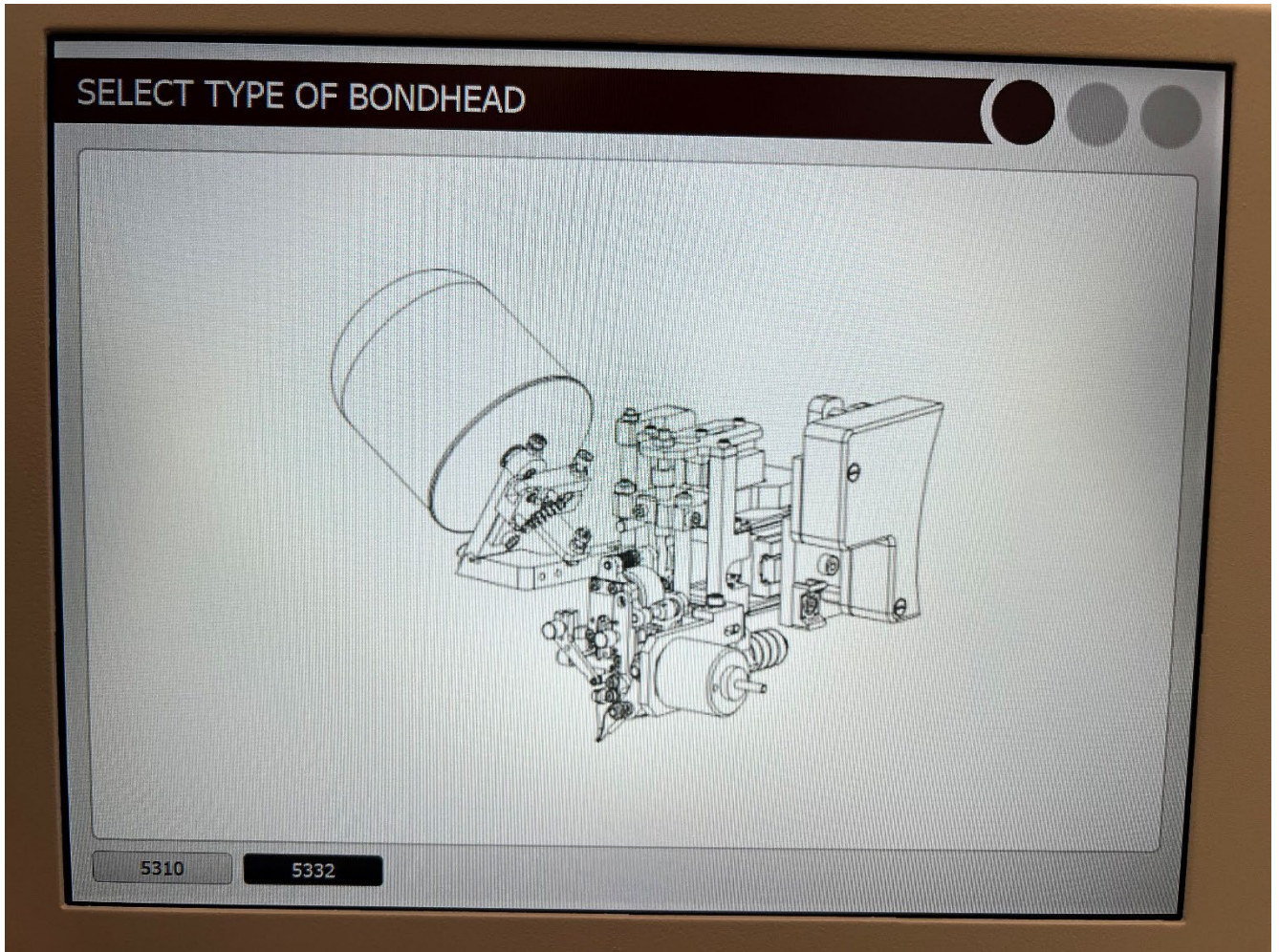
Heater Switch

Fig. 5



5310 – Wedge Bonder (Gold Wire)

Fig. 6



5332 – Wedge Bonder (Aluminum wire)

Fig. 7

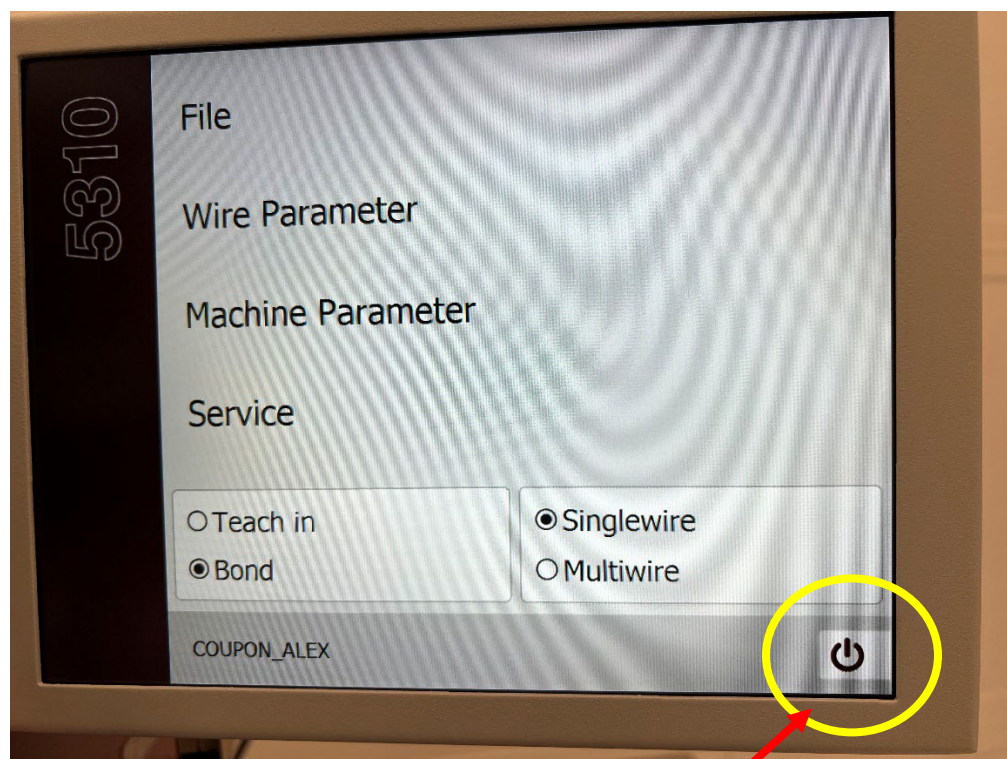


Mouse (Manipulator)

Fig. 8

- 1) Enable the tool on NEMO
- 2) Turn on the Main-Switch (Fig. 3)
- 3) Turn on the Light Switch (Fig. 4)
- 4) Place your sample on the sample holder
- 5) Turn on the Heater Switch (if you are using gold wire- ball bond) (Fig. 5)
- 6) For Ball Bonder (Gold wire) select 5310 (Fig. 6)
- 7) For Wedge Bonder (Aluminum wire) select 5332 (Fig. 7)
- 8) Select File → select the file that you want to use
- 9) Press HOME on the mouse (manipulator) to bring the bonding head to home position (Fig. 8)
- 10) Select Bond and Singlewire (Fig. 9)
- 11) Press BOND on the mouse to make first and second bond.(Fig. 8)
- 12) You are allowed to change only Work Height, Search Height (for 1st and 2nd Bond), Loop height and length.

SHUTDOWN



Tool Shutdown

Fig. 9

- 1) Press HOME on the mouse (Fig. 8)
- 2) Select the Shutdown symbol on the home screen and shutdown the tool and wait for the black screen (Fig. 9)
- 3) Turn off the light and heater switch (Fig. 4, Fig. 5)
- 4) Turn OFF the Main- Switch (Fig. 2)
- 5) Disable the tool on NEMO

SAFETY

In case of emergency, turn OFF the Main Switch

Contributors	Revised Date
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