



---

# Installation guide for Medit i500

February 23<sup>rd</sup>, 2018

SQA of Medit Co., Ltd.

  
MEDIT

# Contents

<b>Chapter 1</b>	Product Package & Components
<b>Chapter 2</b>	Product Installation
	1) Preparing Console PC
	2) Software Installation
	3) Hardware Installation
	4) UI & Device Status
	5) Product Registration
<b>Chapter 3</b>	Tip Treatment
<b>Chapter 4</b>	Calibration

# Product Package & Components (1/2)

1 Medit i500 (+Power Hub)



2 Calibration Tool



3 Desktop Cradle



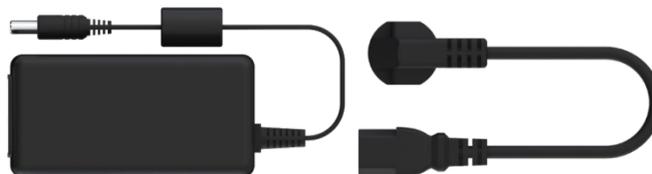
4 Wall Mount Holder



5 Reusable Tip



6 Medical Adapter & Power Cable



7 USB 3.0 Cable

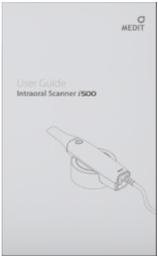


8 Installer & Manual



# Product Package & Components (2/2)



Item	Q'ty	Appearance	Item	Q'ty	Appearance
Medit i500 + Power Hub	1ea		USB 3.0 Cable	1ea	
Reusable Tip	2ea		Medical Adapter + Power Cord	1set	
Desktop Cradle	1ea		USB memory Including acquisition software	1ea	
Wall Mount Holder	1ea				
Calibration tool	1ea		User Guide	1ea	

# Preparing Console PC

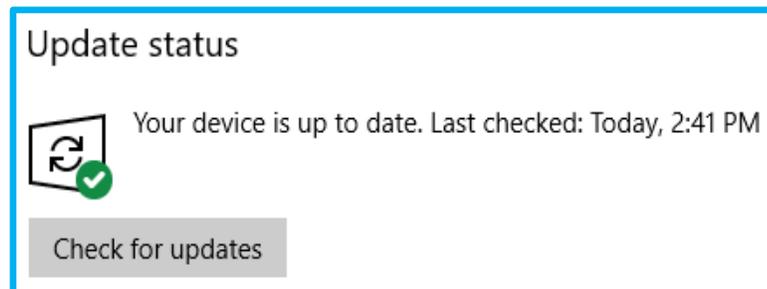
## Recommended specifications for Laptop

Operating System	Microsoft Windows 10 64 Bit (32 Bit – not available)
CPU	Intel i7 7700 HQ or higher
RAM	16GB or higher
Graphic Card	Nvidia GeForce GTX 1060 (3GB) or higher
Verified Laptop	TBD (manufacturer & its model)

## Recommended specifications for Desktop

Operating System	Microsoft Windows 10 64 Bit (32 Bit – not available)
CPU	Intel i7 7700 or higher
RAM	16GB or higher
Graphic Card	Nvidia GeForce GTX 1060 (3GB) or higher
Verified Desktop	TBD (manufacturer & its model)

## Windows Update



Driver Update for mainboard

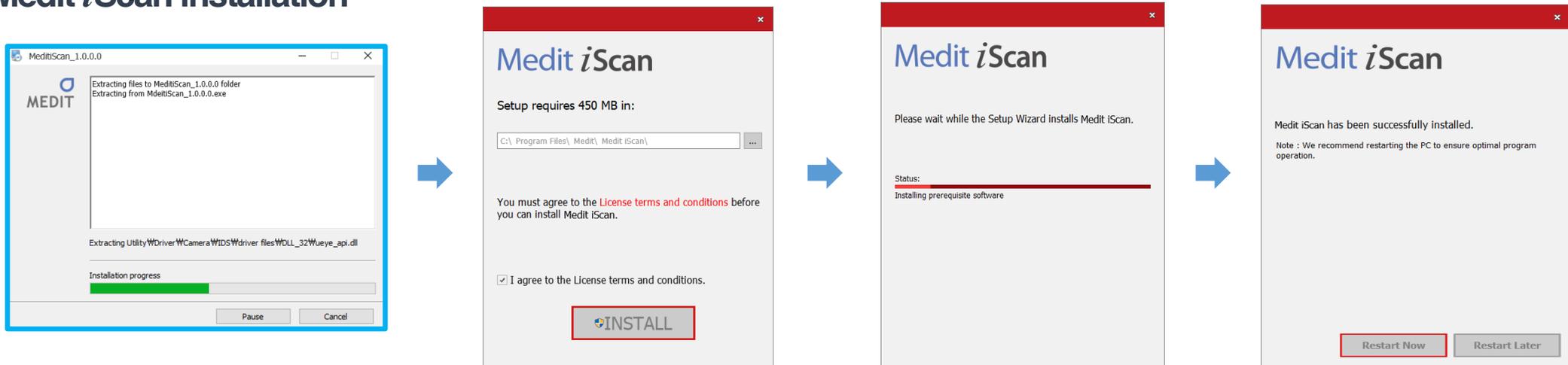
Disable Firewall and Anti-virus software

# Software Installation

**NOTE :** Please don't connect Medit i500 at console PC, or Turn off the scanner if it is connected.

- Run 'Medit iScan', and follow its instruction.
- Please reboot the computer once the installation is complete. If not, Medit i500 is not properly working.

## Medit iScan installation



# Hardware Installation (1/2)



**NOTE:** Please make sure that Medit i500 must be connected at USB3.0 port

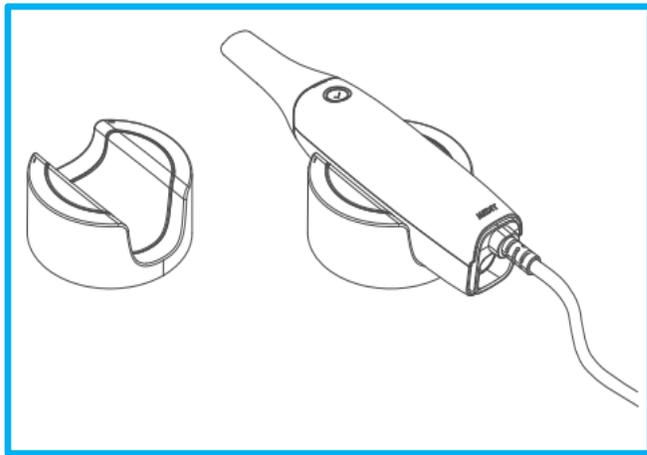
# Hardware Installation (2/2)

## Medit i500 Cradle & Holder

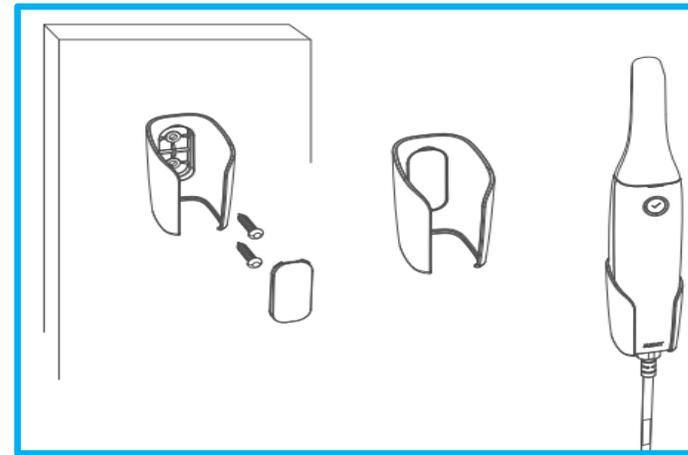
The Medit i500 can be placed on Desktop Cradle or a Wall Mount Holder.

Please put or hold Medit i500 on cradle or at wall mount holder when not using it.

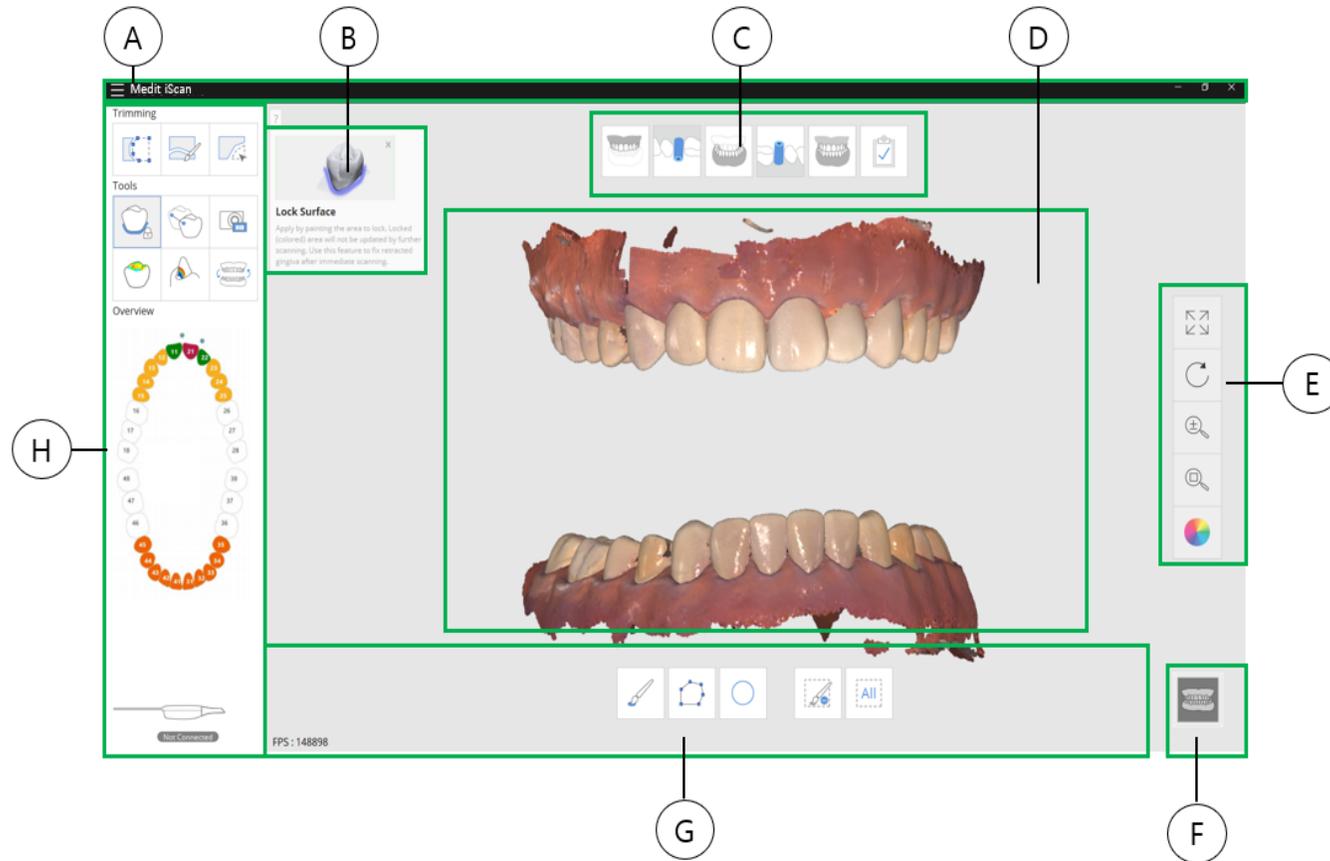
### Placing on Desktop Cradle



### Installation of Wall Mount Holder



# UI



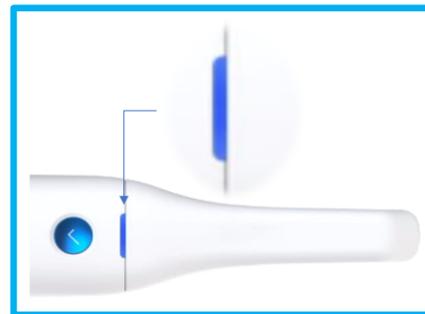
- A. Title Bar
- B. Guide Message
- C. Stage Bar
- D. View Screen
- E. Sub Tool Bar
- F. View Manipulator
- G. Command Option
- H. Main Tool Bar

# Device Status

Turn on the Medit i500.  
Press the power button of Medit i500.



Wait until the USB connection indicator turn on.

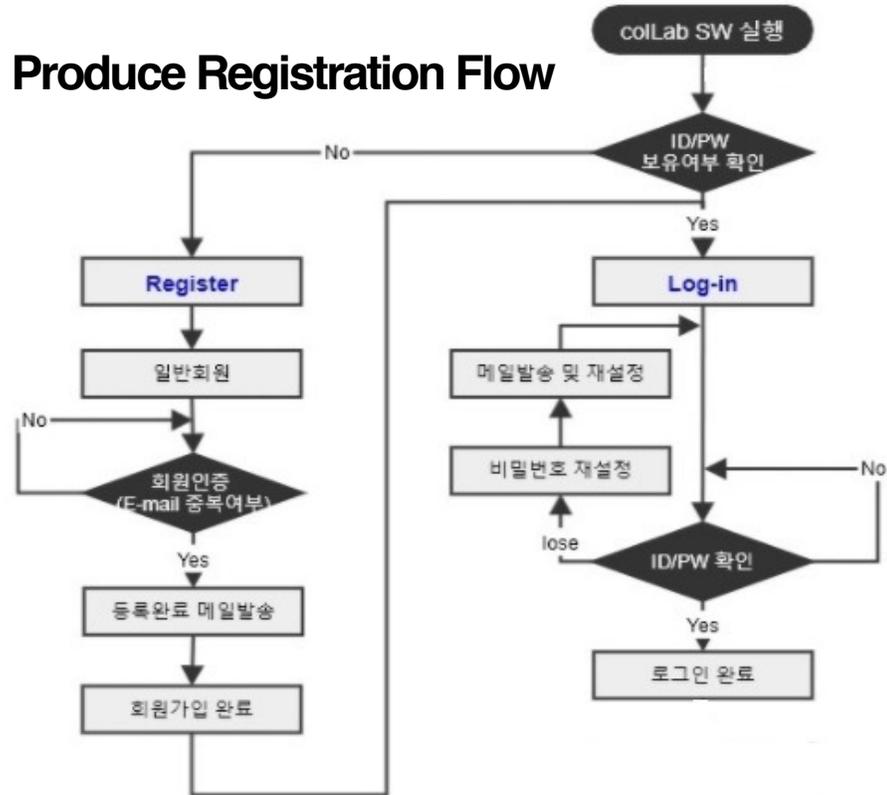


## Device Status icons

	Not Connected	Indicates the i500 is not connected.
	No Tip	Indicates the tip is not mounted
	Connecting	Indicates the i500 is trying to connect.
	Rebooting	Indicates the i500 is rebooting.
	Mirror Heating	Indicates the i500 is warming up
	Need Calibration	Indicates the calibration process is necessary.
	Ready	Indicates the i500 is ready to use.
	Scanning	Indicates the i500 is during scanning
	Sleep	Indicates the i500 is in sleep mode
	Overheating	Indicates the i500 is overheated

# (TBD)Product Registration

Produce Registration Flow



# Tip Treatment (1/2)

## Reusable tip

The i500 reusable tip is the part of the scanner that inserted into the patient's mouth during scanning. The tip can be reused a limited number of times, but [it must be cleaned and sterilized to avoid cross contamination among patients.](#)

## Cleaning and sterilization procedure

- Clean the tip manually using soap water with the brush, and inspect the mirror of the tip after cleaning. If the mirror appears with stains, smudged or with a milky haze, please repeat cleaning. Dry the mirror carefully with a paper towel.
- Put the tip in a paper sterilization pouch.  
The pouch should be sealed airtight. Use either a self-adhesive pouch or heat-sealed pouch.
- Sterilize the wrapped tip in an autoclave with below condition
  - At 121°C/249.8°F for minimum 30 minutes.

**NOTE:** Please completely dry it before putting inside the autoclave.

---

# Tip Treatment (2/2)

## CAUTION

- Both its cleaning and undamaged surface are important for the scan quality.
- The mirror should be handled with care. Do not scratch it. Be careful not to smudge it before scanning a patient.
- New tips must be cleaned and sterilized / autoclaved before using them for the first time
- The scanner tip can be re-sterilized up to 20 times.

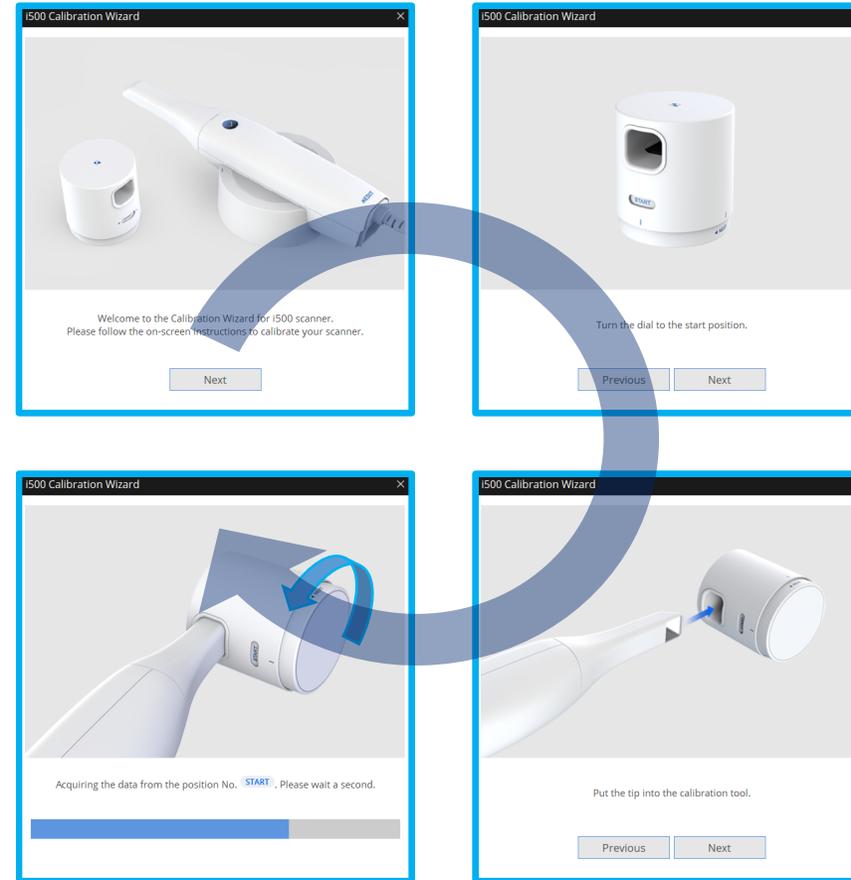
# Calibration (1/2)

1. Prepare the Calibration Tool and Medit i500.
2. Turn the dial of calibration tool to the start position.
3. Put the tip into the calibration tool.
4. When the tip is mounted to the correct position, System automatically acquire the data from the start position.

When data acquisition is completed at the start position, turn the dial to next position.

Acquire the data for 1~7 and LAST position by same way.

When data acquisition is completed at the LAST position, system automatically calculate the calibration result and shows the calibration result.



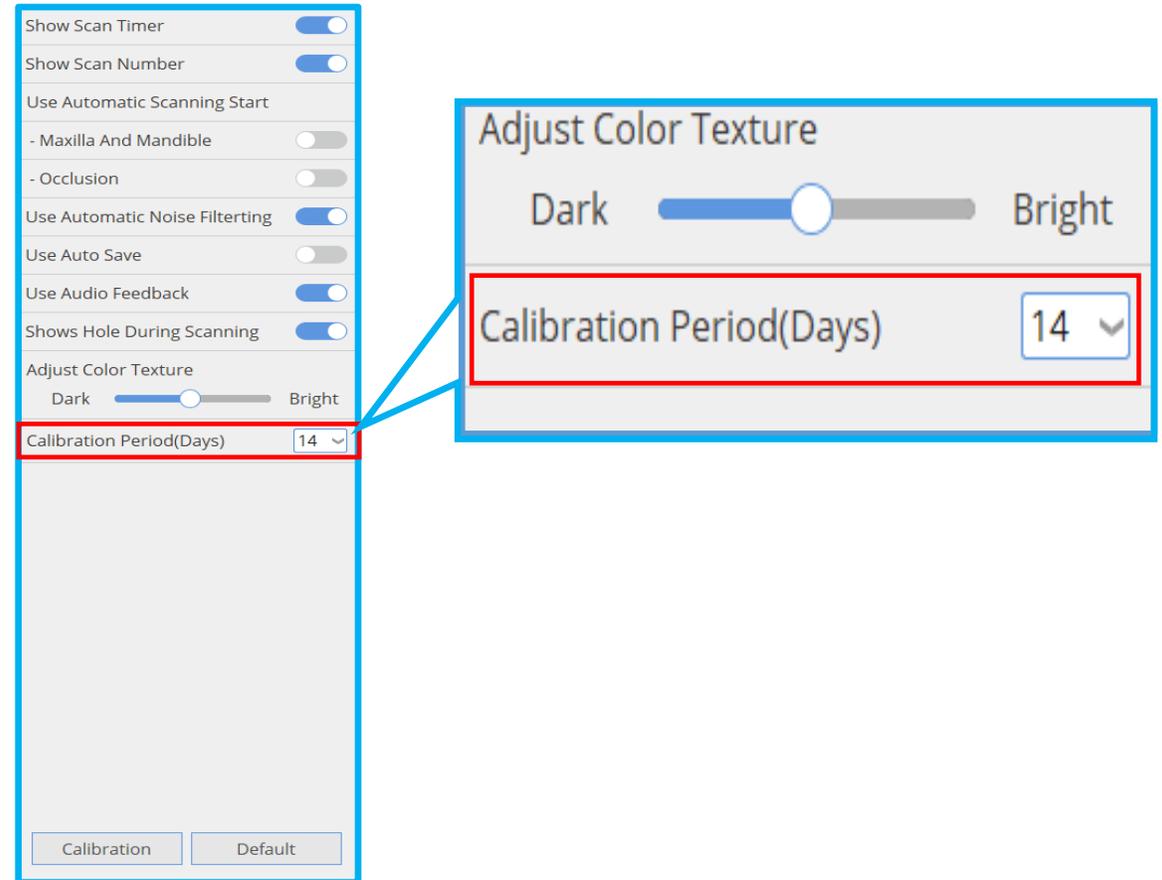
# Calibration (2/2)

Turn on the i500 and connect the device to software.

Run Calibration Wizard from File Menu > Setting > Calibration.

You can set the calibration period from File Menu >Setting > Calibration Period(Days).

The default value of calibration period is 14 days.





---

[www.meditcompany.com](http://www.meditcompany.com)

<https://www.facebook.com/meditco>

[support@meditcompany.com](mailto:support@meditcompany.com)

