

Digital Scanning | Guidelines

Cascade Dafo has a digital manufacturing process to complement our traditional manufacturing methods. Rather than shipping a cast to us, practitioners can also scan and send us digital files. Of course, you can continue to cast for braces and ship us the cast—scanning and sending a digital image is simply another option.

SCANNING METHODS

When sending in your scans, please tell us which scanning method you used:

✓ **Scan of plaster positive**

✓ **Scan the outside of cast:**

Measure the cast thickness at the forefoot, instep, and leg. Send these measurements to us with your scan.

✓ **Direct scan of patient:**

Be sure they are sitting reasonably still and the scan captures their best corrected foot and ankle position as much as possible.

SCANNING EQUIPMENT

- The scanner you are using should have a tolerance level of +/-2mm, usually found in scanners using white light or laser technology.
- Follow the manufacturer's recommendations for setup, use, care and maintenance including regular calibration.
- The best resource for information about scanning equipment is directly from the manufacturer for this rapidly evolving technology.

★ *Please note: The infrared iPad scanners currently on the market do not meet our criteria for an incoming scan tolerance of +/-2mm when used at the distance required for scanning AFOs.*

TAKE OUR COURSE!

For detailed techniques, take our **free** ABC-approved online course – **Casting and Scanning for DAFOs** – on the Cascade Dafo Institute.

ACCEPTED FILE FORMAT

Please convert your file to one of these file types before sending:

✓ **.stl** ✓ **.obj** ✓ **.ply**

✓ **File sizes**

between 1–25 MB.

When saving the scan file, ensure the units are in **millimeters**.

Practical Tips

Casting the patient

- Creating a cast that accurately captures the desired alignment, shape, and volume of your patient's foot and lower leg is critical.

Processing the scan before sending us your file

- Do not digitally modify/smooth the image. Instead, provide us with detailed instructions on your order form.
- Remove any interference or unnecessary data.
- Retain your original shape until we have reviewed your file and entered your order into our production system. You will receive a confirmation email when completed.

★ *Please note: A KAFO with a knee center height greater than 18" must be ordered with a cast, not a digital scan.*

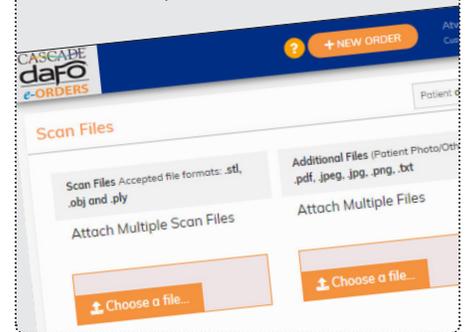
For more info, visit:
cascadedrafo.com/digital-scanning

How to send us your files

Enter the order details directly into our e-Orders system and upload your digital scan files to:

orders.cascadedrafo.com

You can add photos or videos too!



BENEFITS OF DIGITAL SCANNING



Significantly-reduced turnaround time



Digital files are stored electronically



Same excellent Cascade quality and Full (90-Day) Warranty



No cost for shipping casts to Cascade Dafo

Support

If you have any questions contact:

Customer Support

customersupport@dafo.com

800.848.7332 | fax: 877.856.2160

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Digital Scanning 20200127 v17