PURPOSE / OVERVIEW

ASI improved the power curve settings for the digital display board on **09/24/25**. The new ultrasonic system reaches the same power at a **much lower setting** than the system you used before.

Before you begin

Do not simply enter your old percentage. Entering a familiar-looking number can overpower and break endodontic and fine tips. Please use the **conversion table below** to find your new starting point.

Conversion Table

Previous Setting *SN before A250949*	New Setting *SN after A250949*
5%	**Below 1%**
10%	**1%**
15%	**2%**
20%	**4%**
25%	**6%**
30%	**8%**
35%	**10%**
40%	**13%**
45%	**16%**
50%	**20%**
55%	**24%**
60%	**29%**
65%	**35%**
70%	**41%**
75%	**48%**
80%	**56%**
85%	**65%**
90%	**76%**
95%	**87%**
100%	**100%**

Why the numbers changed

The previous system built up power slowly at the low end of the dial, so you likely turned it fairly high to get the activation you wanted.

The new system is more evenly scaled: every 1% adds the same amount of power across the whole range. Because of that even scaling, the power you are used to now sits much lower on the dial.

The feel and performance have not changed. Only the number on the display has. The table translates your familiar setting to the new one.

How to set your power safely

- Locate the setting you normally used on the left, then use the matching **New Setting** as your starting point.
  - For example: if your preferred setting on the old system was **30%**, you would need to set the new system to **8%**
- Increase gradually, only if you need more, one or two percent at a time until the instrument feels right.
- For endodontic and other fine tips, begin **at or below** the table value. These tips are sensitive to excess power and can fracture if overdriven.

QUESTIONS OR ASSISTANCE

For technical support, contact ASI Dental Specialties:

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