TWO PATHS TO A DIGITAL IMPRESSION

No matter what kind of digital scanning system you use, it’s first necessary to apply a pattern to the tooth so the scanner can trace its contours. There are two main ways to apply these patterns:

**LASER SCANNING**
- Pattern comes from a laser beam projected on the tooth surface
- Laser scanning wands must be relatively large, to accommodate the necessary electronics and optics
- With a laser, the pattern is always moving. It’s like trying to hit a moving target.

**VIDEO SCANNING**
- Pattern is applied with a light coating of scanning spray
- The complicated optics used in laser scanners are expensive, and not used in consumer electronics – so they cannot leverage the economies of scale made possible by mass production. That’s why laser-based intraoral scanners are typically more expensive than True Definition Scanners.

**MORE COMPACT DESIGN**
- Eliminating the laser removes bulk. That’s why Midmark True Definition Scanners have the smallest wand on the market. Easy to use – more caregiver and patient comfort.

**IMPROVED ACCURACY**
- By using scanning spray, the pattern on the tooth is fixed, providing more consistently-accurate* detail than other leading intraoral scanners. This technology is similar to that used by Hollywood in “motion capture” movie effects.

**MORE AFFORDABLE**
- True Definition Scanners use a number of “off-the-shelf” components found in today’s most advanced consumer electronics, such as cameras and mobile devices. Because these components are mass-produced, we can keep the cost of True Definition Scanners among the lowest of any digital impressioning system on the market.

*See Accuracy Studies on midmark.com/TrueDef

**THE PATH IS CLEAR**
- With the new Midmark Mobile True Definition Scanner, you get:
  - Improved accuracy
  - Easy scanning
  - Greater affordability compared to scanners employing conventional laser scanning technology.