

**Symmetry IQ™ 3000 (Hu-Friedy) (Project 2008-017) (7/10)**



The Symmetry IQ™ 3000 from Hu-Friedy, Inc. is a piezoelectric scaling device. This is the first scaling device to have integrated fiber-optic illumination within the sterilizable handpiece. The unit operates with high frequency ultrasonic vibrations (28-36 KHz) and has touch pad function and pre-defined color-coded power controls. Power is activated using a foot control and water flow can be changed with an adjustment knob. The unit has a preset memory function allowing the preferred operation mode, power setting and water flow to be saved for future use. A variety of piezo scaling tips are available along with an application chart that recommends tips for procedures ranging from the removal of light supragingival deposits to heavy deposits in deep periodontal pockets or furcations. The scaling tips must be purchased separately from the unit and each tip comes with its own Guardian Wrench/Tip Carrier. The carriers are color coded to match the power settings on the unit, reminding users of the recommended power level to be used for each tip. The carrier is used to place the scaling tip on the handpiece and is also used for tip removal after procedures. The scaling the tip remains within the carrier during sterilization procedures. The Symmetry IQ™ 3000 is marketed as a “Multi-functional Piezo Device” which can purportedly use other available tips for endodontic and restorative procedures. Electrical specifications are 110 or 230 VAC, 50/60 Hz. The unit weighs 2.6-pounds and is 8.35”W x 5.8”D x 3.35”H.



**Manufacturer:**

Hu-Friedy  
 3232 N. Rockwell Street  
 Chicago, IL 60618  
 (800) 483-7433  
 (773) 975-6100  
 (800) 729-1299 FAX  
[www.hu-friedy.com](http://www.hu-friedy.com)

Schools and institutions should contact:

(800) 321-4333  
 (866) 343-3576 FAX

**Suggested Retail Price:**

\$1,850.00                      Symmetry IQ™ 3000 unit  
 Includes the control unit, AC power cord, foot control, water tube, irrigation connector, 2 spanner wrenches (5x8), Symmetry IQ fiber-optic handpiece cord, 1 Symmetry IQ fiber-optic handpiece, replacement bulb, tip wear guide, power range guide, 3 Symmetry S-series tips (USS10, US100, AND USP3)

\$598.50                      Additional fiber-optic handpieces

\$100.00 - \$125.00              Additional scaling tips

**Government Price:**

\$924.41                      Symmetry IQ™ 3000 unit (contents as listed above)

\$365.68                      Additional fiber-optic handpieces

\$54.08 - \$65.52              Additional scaling tips

**ADVANTAGES:**

- + Fiber-optic light
- + Guardian Wrench/Tip Carrier
- + Autoclavable handpiece
- + Informative diagnostic display continuously reports unit status
- + Clinically reported to be quiet and lightweight
- + Clinically reported to have good power and visibility
- + Variety of tips
- + Easy to set up and operate

**DISADVANTAGES:**

- No swivel attachment on the handpiece to connect to unit hose
- Handpiece size may make access to some posterior regions difficult

**SUMMARY AND CONCLUSION:**

The Symmetry IQ™ 3000 is a piezoelectric scaling device designed with an integrated fiber-optic light within the handpiece. The device was used for dental prophylaxis and periodontal scaling procedures. The clinical evaluators found the operating manual to be complete and clear and the unit easy to use and set-up. Evaluators appreciated the ease of placing and removing the scaling tips from the handpiece using the Guardian Tip Carrier/Wrench. The majority of evaluators appreciated the light weight of the handpiece. All evaluators agreed that the fiber-optic light improved vision in the treatment field, the majority found the available scaling tips adequate for supra/sub-gingival calculus removal. The **Symmetry IQ™ 3000** is rated **Excellent** for use in US Air Force dental facilities.