

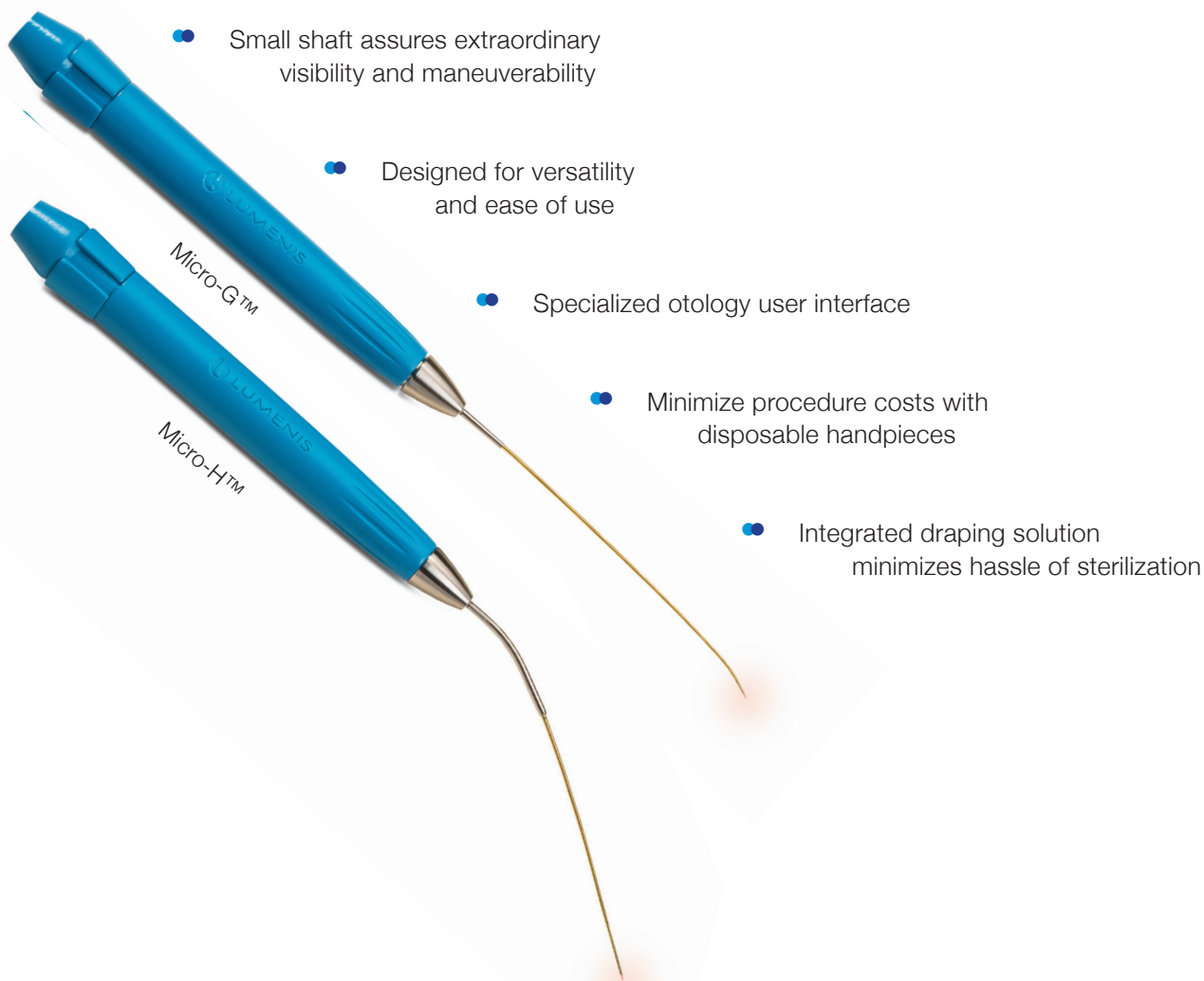
# MicroLase™ Otology Handpieces

For the AcuPulse™ 40WG CO<sub>2</sub> Laser

## Extending Laser Precision to Your Fingertips

In ear surgery, the microsurgical precision of the Lumenis CO<sub>2</sub> laser makes it the ideal tool for safe and effective treatment of tiny and sensitive auditory structures. Studies have shown that physicians can attain comparable, and often superior outcomes using CO<sub>2</sub> lasers for ear surgery compared with other laser types and treatment modalities. <sup>(1,2,3)</sup>

**Now the MicroLase™ Otology handpieces extend Lumenis CO<sub>2</sub> laser precision to where it is needed most. Only MicroLase harmonizes precision, ease of use, and cost effectiveness to provide superior outcomes in the ear.**



## Precision Tools for Various Treatments

- Acoustic neuromas in the ear
- Myringotomy/tympanostomy (tympanic membrane fenestration)
- Stapedotomy/Stapedectomy
- Superficial lesions of the ear, including chondrodermatitis nodularis chronica helices, Winkler's disease

## Benefits of MicroLase Otology System

- Specifically designed for ease of use
- Small handpiece tips for greatest maneuverability and visibility
- Access to hard-to-reach anatomy
- Minimal procedure cost
- Single-use, sterile handpiece enhances patient safety
- Specialized otology user interface

### MicroLase Otology Fiber

- Re-usable fiber (up to 25 procedures)
- Fiber tip designed for easy connection to the Micro-H and Micro-G handpieces
- Laser optimized for energy levels commonly used in Oto surgery
- 2 Meters long with protective outer jacket
- Supplied non-sterile
- Part number: AC-1148120

### Micro-H Otology Handpiece

- Single use Otology surgery handpiece designed for use with the MicroLase Otology Fiber
- Angled design to facilitate field of view
- Supplied sterile along with sterile fiber drape
- Spot size: 250µm at tip
- Part number: AC-1148090

### Micro-G Otology Handpiece

- Single use Otology surgery handpiece designed for use with the MicroLase Otology Fiber
- Straight probe with curved tip facilitates access
- Supplied sterile along with sterile fiber drape
- Spot size: 250µm at tip
- Part number: AC-1148100

#### References:

1. Marchese MR, Scorpecci A, Cianfrone F, Paludetti G., "One-shot" CO<sub>2</sub> versus Er:YAG laser stapedotomy: is the outcome the same?, Eur Arch Otorhinolaryngol. 2011 Mar;268(3):351-6. Epub 2010 Oct 19. AND Lesinski SG, Lasers for otosclerosis--which one if any and why, Lasers Surg Med. 1990;10(5):448-57 AND Vernick DM, A comparison of the results of KTP and CO<sub>2</sub> laser stapedotomy, Am J Otol. 1996 Mar;17(2):221-4.
2. Matković S, Kitanoski B, Malicević Z, Advantages of CO<sub>2</sub> laser use in surgical management of otosclerosis, Vojnosanit Pregl. 2003 May-Jun;60(3):273-8. AND Motta G, Moschillo L, Functional Results in Stapedotomy with and without CO<sub>2</sub> Laser, ORL J Otorhinolaryngol Relat Spec. 2002 Sep-Oct;64(5):307-10
3. Jovanovic S. Technical and clinical aspects of "one-shot" CO(2) laser stapedotomy. Advances in oto-rhino-laryngology. 2007;65:255-66. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/17245056>.