

The team that brought you the #1 pachometer introduces the next generation:

# Corneo-Gage Plus™

Corneo-Gage Plus™ is the only pachometer which has kept pace with evolving refractive technology. Excimer laser, automated lamellar keratoplasty and radial keratotomy each have specific pachometric requirements – Corneo-Gage Plus™ meets these requirements and more: astigmatic keratometry, monitoring Fuch's dystrophy, monitoring corneal edema, monitoring daily and extended contact lens wearers, and monitoring early failure of corneal grafts.

Corneo-Gage Plus™ is a modular, multi-mode, upgradeable ultrasonic pachometer offering state-of-the-art **50 Mhz** high frequency technology to provide more accurate, reproducible corneal thickness measurements.

Corneo-Gage Plus™ employs a sleek design that can be configured as an economical device or workstation for PachKnife™ procedures.

## Features

- 20 Mhz or optional 50 Mhz solid transducer in the Sight™ handpiece
- Expanded memory for measurement recall
- Built-in dot matrix printer
- Battery level indicator
- Exclusive 'continuous read' mode
- Averages 1000 measurements for each reading.
- Automatic storage – no footpedal
- Portable
- Automatic calibration verification
- 10 years of experience

## Specifications

- Measurement range 0.025mm to 2.00mm
- Repeatability: ±3 microns
- 20 Mhz transducer: 1.25mm diameter
- 50 Mhz transducer: 1.50mm diameter
- Display: LCD
- Weight: 5 lbs.
- Accuracy: ±1 micron (20 Mhz)  
±0.4 micron (50 Mhz)
- Battery: 12 VDC @ 0.6ma lead-acid/  
6 hr. re-charge cycle
- Size: 13.75 x 8.50 x 6.75 inches
- Printer: Dot matrix
- Paper: Plain roll 2.25 inches



The Future of Better Vision

Sonogage, Inc.  
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SONOGAGE



## Completely Disposable

- Unique handpiece/artificial anterior chamber module, suction tubing, and HIPA filter are pre-sterilized, fully pre-assembled, and pre-packaged, saving time and ensuring quicker transitions between cases.
- No sterilization process required.

## Fully Automated

- Easy to use, with no learning curve or lengthy training required. Every technician can produce precise excised "caps" and smooth stromal beds every time.
- Simple foot-pedal operation of console provides sterile air pressure to anterior chamber, eliminating need for messy liquid preservatives.

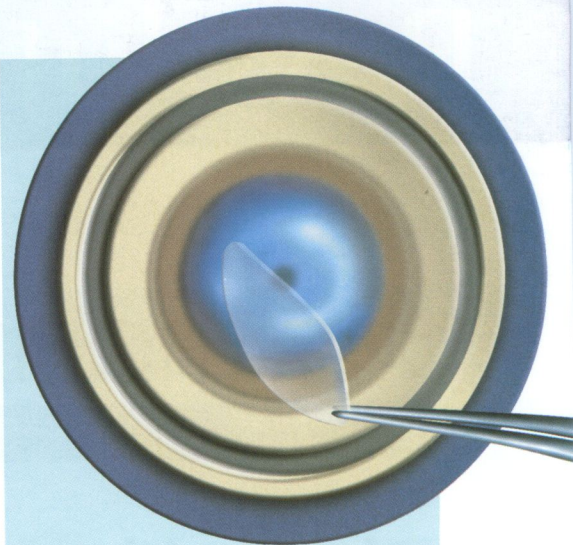
## Efficient

- Faster prep time means quick, cost-efficient transition from one case to the next.
- Horizon lowers costs by eliminating man-hours necessary to operate, maintain, and validate the sterilization process.
- Eliminates purchase and storage of consumables used for sterilization.
- Lightweight, ergonomic, easy-to-use handpiece increases productivity.

## Precise

- All blades are computer video inspected (CAI) to ensure flawless manufacturing that produces repeatable, precise results.
- The patented motor less handpiece reduces vibration, promotes smooth blade movement across the cornea, and enhances precision.

Visit [www.horizonsaek.com](http://www.horizonsaek.com) for more information or to see a demonstration, and discover how the Horizon™ DSAEK System can revolutionize the way you do DSAEK.



## Product Specifications

- Console dimensions: 12.75" (H) x 11" (L) x 7.5" (W)
- Console weight: 20 lbs
- Hand piece dimensions: 8.5" x .75"
- Hand piece weight: 2.0 oz.
- Artificial Chamber dimensions: 4" x 4"
- Artificial Chamber weight: 3.0 oz.
- Electrical: 110, 240 VAC, 50/60Hz
- Temperature: 40° - 85°F
- Humidity : 25% - 75%
- Blade advance rate: 1.5mm / second
- Blade oscillation: 10,000 rpm
- Sterile air pressure to chamber: max 29.7 in Hg
- Resection diameter: 9.5-10.5mm
- Resection thicknesses: 250, 300 & 350 microns, custom thicknesses upon request

Refractive Technologies, Inc.  
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**888-216-1914**

# Revolutionizing DSAEK



**Disposable**  
**Automated**  
**Efficient**  
**Precise**



- Eliminates sterilization
- Increases productivity
- Reduces operating costs
- Easy to use and master

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# Corneo-Gage Plus™

MULTIFUNCTION PACCHOMETER



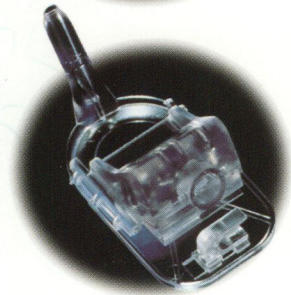
# Flapmaker™

FLAPmaker™ is a microkeratome system designed by experts in LASIK.

FLAPmaker incorporates features and elements lacking in other microkeratomes.

FLAPmaker provides improved visibility and ease of use one would expect from a clear polycarbonate, sterilized, single-use, disposable microkeratome. There are no plates or blades to assemble, insert, adjust, or forget. Three simple connections ready the fixed-gap microkeratome for your procedure. Our unique, patented, gearless, high-torque drive and high-speed oscillation mechanism assure you of trouble-free, reproducible corneal flaps and unparalleled laser-ready stromal beds.

FLAPmaker offers all these improvements and much more at an unheralded cost savings in both time and money!



## SYSTEM COMPONENTS

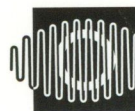
- Electronics console
- Axial & oscillation drive cables
- Vacuum pump
- Vacuum tubing
- 2 Footswitches
- Operating manual & instructional video
- Disposable microkeratomes

## DISPOSABLE MICROKERATOME

- Injection-molded polycarbonate
- Stainless steel blade
- p/n HFMS – 220/200/180/160/130 microns, 10.5 mm dia.
- p/n MFMS – 200/180/160/130 microns, 8.5 mm dia.

## FLAPmaker SPECIFICATIONS

- Oscillation speed: 12,500 rpm
- Console size: 10 in. x 14 in. x 14 in.  
(25.4 cm x 35.6 cm x 35.6 cm)
- Console weight: 30 lbs. (13.6 Kg)
- Electrical: 110 or 220 VAC @ 50/60 Hz



Refractive Technologies, Inc.

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