



# Laboratory Handpieces

## *The Best Precision Finishing Tools - Air Powered*

### **QC-700 30,000 rpm Air Handpiece**

These heavy-duty handpieces are perfect for all grinding, finishing and polishing tasks. Designed for speeds up to 30,000 rpm. Built-in rotary vane air motor assures constant torque and low air consumption. Never heats up. QC-700 lever action burr release handpiece is instantly reversible with a dual foot control. An economic single foot control is also available.

### **Grand Hurricane High-Speed Handpiece**

This high-speed handpiece is designed for high-production laboratories. Ideal for contouring porcelain, metal or composites. Totally enclosed sealed turbine cartridge offers greater torque at 300,000 rpm. Ergonomic shape, stainless steel construction and vibration-free operation make the Grand Hurricane the standard in high production handpieces. Complete system includes handpiece, chuck tool, single foot control, filter regulator, tubing, handpiece oil and owners manual.

### **Hurricane High-Speed Handpiece**

Assure perfect restorations with this air-driven handpiece. Smaller size is perfect for detailed contouring. The Hurricane offers maximum finishing speed at 300,000 rpm with ultra-quiet, vibration-free operation. Complete system includes handpiece, single foot control, chuck tool, filter regulator, tubing, handpiece oil and owners manual.



*The chemistry of a great smile.<sup>SM</sup>*



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 www.ceramco.com or www.dentsply.com Rev. 06/05



## Air Filter Dryer

Protects valuable air equipment. Removes all moisture, and oil. Will prevent acid formation in compressed air system. Cyclonic action removes large particles and water droplets. Filter removes small particles to 1 micron. Optional.



## Selector Valve

Allows operators to use two handpieces from one foot control. Easy to use and economical. Eliminates clutter under laboratory benches and work tables. Optional.



## Complete System

Includes handpiece, chuck tool, foot control, filter regulator, tubing, handpiece oil and owners manual.



### Specifications

#### QC 700

#### Grand Hurricane

#### Hurricane

#### Optional Parts

Complete Systems, Dual Foot Control	REF #7201325		
Complete Systems, Single Foot Control	REF #7201333	REF #7200990	REF #7200490
Handpiece Only	REF #7201326	REF #7200980	REF #7200435

#### Operational

Air Consumption	0.8 L/s 1.8 CFM	0.4 L/s 0.8 CFM	0.4 L/s 0.8 CFM
Air Pressure	2.7-3.4 Bar 40-50 PSI	2.7-3.4 Bar 40-50 PSI	2.7-3.4 Bar 40-50 PSI
Max RPM	30,000	320,000	320,000

#### Dimensions

Length	158 mm (6-1/4")	144 mm (5-11/16")	108 mm (4-1/4")
Diameter	23 mm (15/16")	16 mm (5/8")	16 mm (5/8")
Chuck Size, Standard	3/32"	1/16"	1/16"
Chuck Sizes, Optional	1/8" 3 mm, 4 mm	N/A	N/A
Chuck Type	Lever Release	Friction Grip	Friction Grip
Weight	181 grams 6.4 oz.	90 grams 3.1 oz.	65 grams 2.25 oz.

#### Shipping Weight

Handpiece	0.45 kg (1 lb.)	0.45 kg (1 lb.)	0.45 kg (1 lb.)
System	1.8 kg (4 lbs.)	1.8 kg (4 lbs.)	1.8 kg (4 lbs.)

#### Warranty

One Year

One Year

One Year