

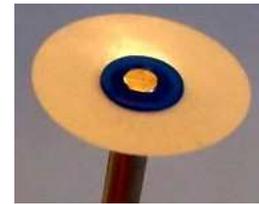
OptiDisc™ Finishing and Polishing Disc System (Project 04-28) (12/04)

OptiDisc™ is a new finishing and polishing disc system by KerrHawe. The translucent, flexible, color-coded, polyester discs are indicated for finishing and polishing composites, glass ionomers, amalgams, and semiprecious/precious metals. The patented retention system and special coating of the mandrel reportedly provides protection against scratching and discoloration.



Manufacturer:

KerrHawe
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Orange, CA 92867-9880
(800) 537-7123
(714) 516-7400
(714) 516-7633 FAX
www.kerrdental.com



Suggested Retail Price:

\$83.00 General Kit (item number 180)
-30 discs each in coarse/medium, fine, & extra-fine
-12.6 and 9.6 mm discs
-5 mandrels

Government Price:

\$47.50 General Kit (Item number and contents as listed above)

ADVANTAGES:

- + Competitively priced
- + Available in two diameters
- + Metal-free hub helps prevent marring of composite surface
- + More time-efficient three-disc system
- + Concise instruction booklet
- + Capable of high surface polish as determined by laboratory testing

DISADVANTAGES:

- Access to concave surfaces limited
- Translucency of discs may not be clinically advantageous

SUMMARY AND CONCLUSIONS:

In general, the clinical evaluators found that the OptiDisc™ system produced an acceptable polish for their resin-based restorations. Laboratory testing found the system capable of producing a polished surface similar to many popular polishing systems. The discs feature an absence of metal hubs which helps reduce marring and a reduction in the number of steps (i.e., a three-disc system instead of the typical four). As with most disc systems, the use of OptiDisc™ is confined to convex surfaces, necessitating the use of alternative techniques for anatomically structured surfaces such as the occlusal surface of posterior teeth or the lingual surface of anterior teeth. Half of the clinical evaluators would consider purchasing OptiDisc™ for use in their clinics. OptiDisc™ is relatively less expensive per procedure compared with other polishing systems. The **OptiDisc™ Finishing and Polishing Disc System** is rated **Acceptable** for use by the federal dental services.