

NPH Single-Use Disposable High Speed Handpiece (Project 12-011) (5/13)



PRODUCT DESCRIPTION: NPH USA Inc. is promoting their Hi-Speed Dental Handpiece for Single use, NPH GSY-03D Super Torque, as a reliable and disposable alternative to using traditional metallic handpieces. NPH USA Inc. claims multiple benefits including an ergonomic and lightweight turbine (25 grams), a quick connect coupling system, a push button chuck system, no maintenance requirements and a two year shelf life. Additionally, the disposable handpiece addresses infection-control concerns with its individually wrapped pre-sterilized, single-patient use pouch. This makes handpiece cleaning and sterilization unnecessary. In addition, the manufacturer has incorporated a patented double anti-retraction system with the handpieces. The NPH GSY-03D Super Torque is being marketed as being useful for a variety of situations such as high risk patients, time management (eliminate cleaning/sterilizing time), teaching and training environments and as substitute when standard metallic handpieces are being repaired. Additionally, because the NPH GSY-03D Super Torque comes in single-use sterilized packaging, the product may be useful in situations where a heat sterilizer is not available such as humanitarian dental missions.



User Friendly

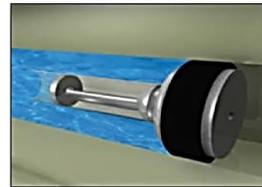


Push button auto chuck
No tooling required

Equipped Anti Suck-Back Feature



Anti Suck-Back Air Valve:
Provides additional prevention
against contamination in air
channels



Anti Suck-Back Water Valve:
Provides additional prevention
against water pathway contamination

Manufacturer (or Source):

NPH USA, Inc.
13038 Winfield Scott Blvd.
Orlando, FL 32837
(407) 615-3898
admin@nph-usa.com
www.nph-usa.com

Suggested Retail Price:

GSY 03D (Super Torque Model): \$249.50 for a box of 10(\$24.95 each)

Government Price:

GSY 03D (Super Torque Model): \$179.50 for a box of 10(\$17.95each)

ADVANTAGES:

- + No need for sterilization, ideal for use where sterilization isn't available, i.e. deployments, humanitarian missions, replacement when local sterilization is down, highly infectious patient

- + Infection control enhancement, sterile packaging, eliminates worry of inadequate sterilization
- + Maintenance free, one time use, no need for repair
- + More predictable performance over aged handpiece, new handpiece every time
- + Nice tactile sensation, lightweight construction
- + Disposable
- + Convenient

DISADVANTAGES:

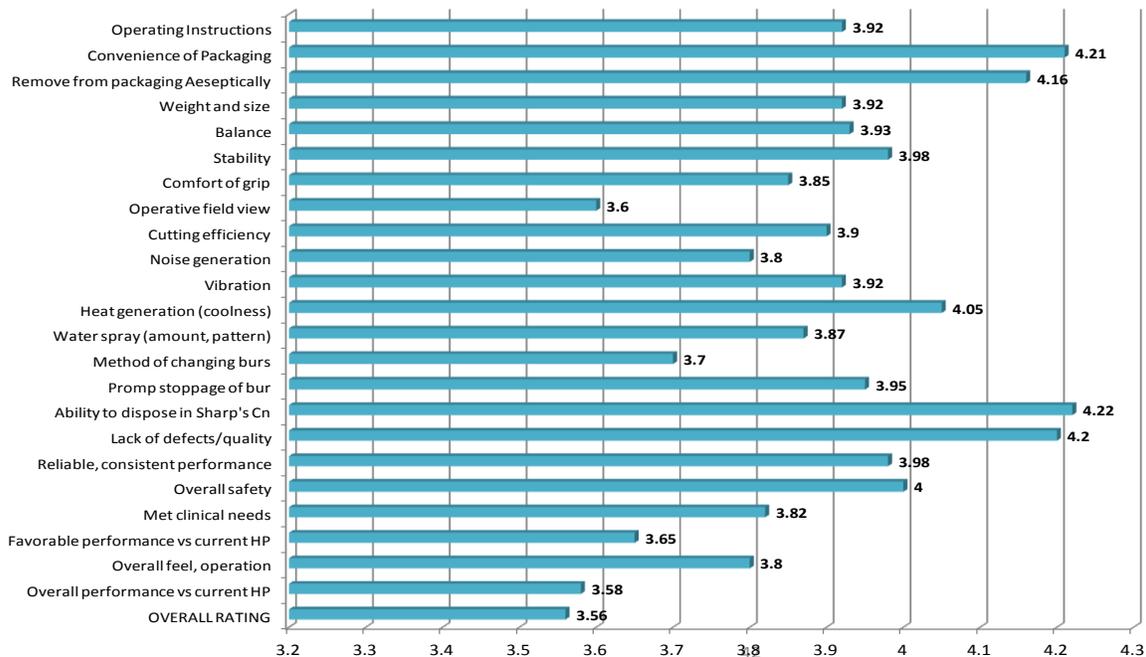
- Cost, new handpiece for every patient
- Lack of fiberoptics
- Difficulty changing burs
- Quantity/pattern of water flow,
- Increased waste generation
- Lack of swivel

SUMMARY AND CONCLUSIONS:

The NPH disposable turbine handpiece was rated Outstanding or Excellent by fifty-one percent of our evaluators (30/59, one did not submit a final rating). Forty-six percent felt that it was Acceptable and only three percent thought that the handpiece was Unacceptable. More than half of our evaluators thought that the NPH disposable handpiece was as good as their conventional high-speed handpiece. This is a very strong statement to make considering that most dentists will only use the disposable handpiece in selected cases. After discussing the performance of this handpiece with many of the evaluators, we feel that most evaluators were rating this disposable handpiece against their conventional handpieces. Most evaluators have never used a disposable handpiece before; therefore, they had no barometer for rating it solely as a disposable handpiece.

Rate Features for NPH Disposable Handpiece

Outstanding-5, Excellent-4, Acceptable-3, Marginal-2, Unacceptable-1



The NPH GSY-03D Super Torque Disposable Turbine Handpiece is rated **EXCELLENT** for use in Air Force dental facilities.

