

Spirit Ellipse 1500 L/R Dental Unit (Project 02-20) (3/04)

The Pelton & Crane Spirit Ellipse 1500 L/R Dental Unit is an over-the-patient dental unit that is designed to integrate with Pelton & Crane dental chairs. The Pelton & Crane stamped-metal control head is capable of supporting three air-driven handpieces and a three-way syringe. The unit provides easy access to control adjustments, which are accessible underneath or inside the control head. The dental unit allows easy left-to-right conversion and is designed without a side console. All internal components are placed either within the control head or the contoured junction box. The Spirit Ellipse is equipped with a self-contained water system with a unique city-water / bottled-water selector switch.



Manufacturer:

Pelton & Crane
11727 Fruehauf Drive
P. O. Box 7800
Charlotte, NC 28241-7800
(800) 659-3212
(704) 588-2126
(704) 587-7204 FAX
www.pelton.net

Suggested Retail Price:

Spirit Ellipse 1500 chair-mounted dental unit (model 1585): \$4,400.00
With assistant's autoclavable syringe and instrumentation: \$6,060.00

Government Price:

Spirit Ellipse 1500 chair-mounted dental unit (model 1585): \$2,255.00
With assistant's autoclavable syringe and instrumentation: \$3,168.00

ADVANTAGES:

- + Good clinical performance during the course of this evaluation
- + Solid construction with lightweight components
- + Easy left-to-right conversion
- + Simple assembly
- + Self-contained water system with city-water / bottled-water selector
- + Straightforward design of internal components should simplify maintenance/repair
- + Internal tubing color-coded for ease of assembly and service
- + Competitively priced

DISADVANTAGES:

- Fiber optic light turns on only when handpiece is running
- No visible master "air on" indicator on the control head

SUMMARY AND CONCLUSIONS:

The Spirit Ellipse 1500 chair-mounted dental unit met most of the laboratory testing requirements of ADA Specification #47, NFPA 99, and Dental Unit Medical Procurement Item Description #2. The unit is esthetic with smooth contours and displayed consistent and reliable function throughout the course of the evaluation. The Spirit Ellipse 1500 is constructed solidly and exhibits a sleek design with simplified controls. The unit allows convenient left-to-right conversion, has easily accessible water adjustments for handpieces, and features easy-access internal components. Four out of eleven clinical evaluators rated it as "Excellent" overall and five rated it "Good" and compared it favorably to other dental units. The competitively-priced **Pelton & Crane Spirit Ellipse 1500 chair-mounted dental unit** is rated **Acceptable** for use by the federal dental services.