

**OPERATING AND TREATMENT UNIT DEFTOS III VERSION III
FOR FIELD USE**

TOC

BELL DENTAL PRODUCTS LLC

MODEL #: 4200010

Manufacturer's PHONE: (303) 292-2137 FAX: (303) 292-2137

Website: <http://www.bell dental.com>

AAC "J" ITEM NSN 6520-01-546-5077

UA's: 174A, 179A

**USAMMA POC: Customer Relations Management, 301-619-4301/4316, DSN 343-4301/4316
UNIT PRICE: \$18,675.35**

System Description: The system incorporates all of the functionality to perform any dental procedure from cleaning to oral surgery. The unit includes an electric motor, with or without fiber optics, high speed hand piece, low speed hand piece, air/water supply, air water syringe, high volume evacuator (HVE), saliva ejector, and variable speed foot switch. In addition an optional FDA cleared scalar and curing light are available.

The unit is lightweight and totally self-contained. The unit includes an oil less air compressor and vacuum pump that provides air to the water and air supply subsystems and suction for the saliva ejector and HVE, a self-contained water supply for hand piece coolant and oral irrigation, and a waste container for collection of liquids and solids from the HVE and saliva ejector. The product supports a variety of standard electric motors and all E-type connector hand pieces.

The unit can be quickly assembled or disassembled and packs into one molded shipping and storage container for safe transport and storage.

The assembly is composed of an electric power subsystem, an electronic control subsystem, a compressed air subsystem, a water subsystem and a vacuum subsystem.

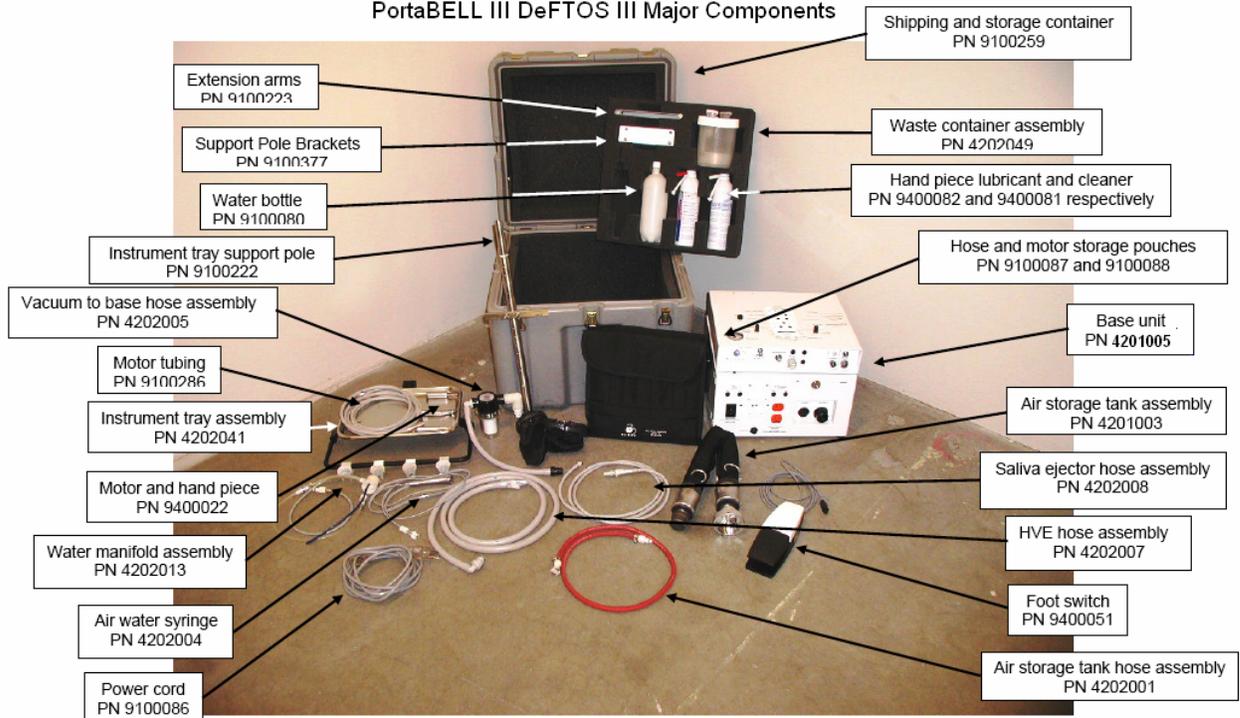
To upgrade a DeFTOS II to a DeFTOS III use part number 9900001. [Unit must be returned to Bell Dental.](#)

Ordering the system without handpieces, order part number 4200011



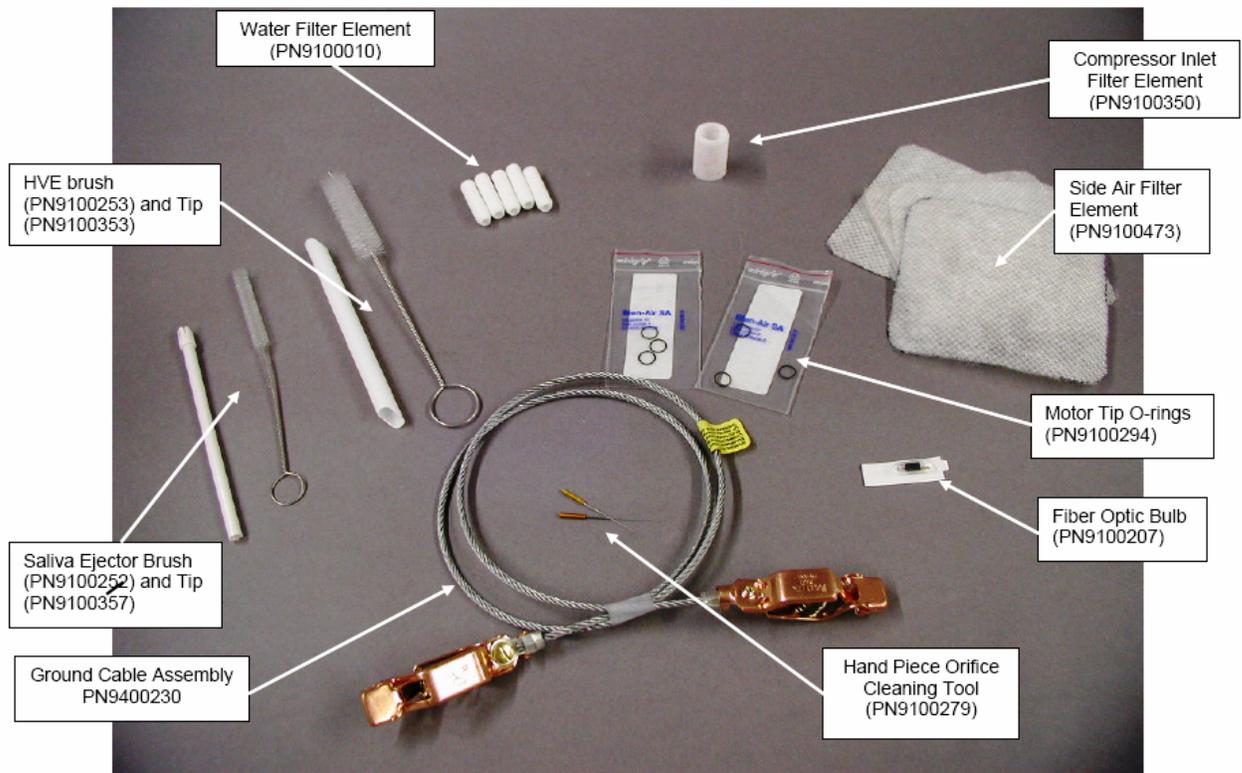
**OPERATING AND TREATMENT UNIT
DeFTOS III VERSION III FOR FIELD USE
MODEL # 4200010
NSN # 6520-01-546-5077**

PortaBELL III DeFTOS III Major Components



Note: Unit and Case will be Green when Shipped.

**OPERATING AND TREATMENT UNIT DeFTOS III
VERSION III FOR FIELD USE
MODEL # 4200010
SHOWING MAJOR COMPONENTS**



**OPERATING AND TREATMENT UNIT DeFTOS III
VERSION III FOR FIELD USE
MODEL # 4200010
SHOWING SUPPORT COMPONENTS**



**HANDPIECE 1:5 INCREASER W/FIBER OPTICS
PART # 9400225**



**HANDPIECE 2.7:1 REDUCTION W/FIBER OPTICS
PART # 9400067**



**HANDPIECE DENTAL STRAIGHT
PART # 9400020**



**MOTOR
PART # 9400022**



**HEAD DENTAL HANDPIECE
ADJUSTABLE CRS HEAD CONTRA
ANGLE HANDPIECE
PART # 722-6728**

**OPERATING AND TREATMENT UNIT DeFTOS III VERSION III
FOR FIELD USE
PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS**

Dimensions of shipping container	Height	23 inches
	Width	23 inches
	Length	20 inches
Cube		1.57 cu ft
Weight (including shipping container)		107 lbs
Operating Temperature Range		35° F to 120° F
Storage Temperature Range		-40° F to 140° F
Relative Humidity (in use)		95% non-condensing
Relative Humidity (storage)		95% non-condensing
Altitude		Up to 10,000 ft
Power Requirements		100 to 240 VAC 50/60 Hz
Amps		6 amps
Watts		600 watts

**OPERATING AND TREATMENT UNIT DeFTOS III VERSION III
FOR FIELD USE
(START-UP)**

NSN	NOTE	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6520015465077		Operating and treatment unit DeFTOS III version III for field use	4200010	1	EA	\$18,675.35	\$18,675.35	Bell Dental	indef.	N	3
6520014946451		Air storage tank assembly	4201003	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Base Unit	4201005	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Air storage tank hose assembly	4202001	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Air water syringe assembly	4202004	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Vacuum to base hose assembly	4202005	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		HVE hose assembly	4202007	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Saliva ejector hose assembly	4202008	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Water Bottle Manifold	4202010	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Instrument tray assembly	4202041	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Waste container assembly	4202049	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Fitting O-ring Kit	4202177	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520014987876		Water bottle	9100080	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Power cord (three prong US)	9100086	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Hose and motor storage pouches #1	9100087	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Hose storage pouches #2	9100088	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Fiber optic bulb	9100207	1	5/PG	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Instrument tray support pole	9100222	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Extension arms	9100223	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Saliva ejector brush	9100252	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		HVE brush	9100253	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Shipping and storage container assembly	9400245	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Hand piece orifice cleaning tool	9100279	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520015007919		Motor tubing	9100286	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Syringe Repair kit	9100293	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Motor tip o-rings	9100294	6	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Foam Storage Insert	9100368	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		BioLube™ E-Formula handpiece lubricant	9100452	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3

NSN	NOTE	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
		BioLube™ handpiece cleaner	9100453	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Storage Pouch 3, Documentation	9100541	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Storage Pouch 4, Spare parts and Documentation	9100542	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520015141776		Motor O-ring Service Kit	9100354	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		HVE tip	9100353	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Saliva ejector tip	9100357	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Support pole brackets	9100361	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520015141734		Ring, mounting, waste container, dental unit	9100377	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
	6520015141766	Filter material, air, dental unit 4 pg	4202021-4	1	4/PG	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520014946458		Handpiece dental straight	9400020	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
6520014946436		Motor	9400022	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Foot switch assembly	9400051	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Handpiece 2.7:1 reduction w/fiber optics	9400067	4	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Handpiece 1:5 increaser w/fiber optics	9400225	4	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Power cord (Schuko)	9400074	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		BioLube™ hand piece nozzle	9400095	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
		Ground cable assembly	9400230	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Saliva Ejector Manual (Hard copy)	9400098	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		HVE Manual (Hard copy)	9400099	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Motor manual	9400100	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Handpiece Manual: 2.7:1	9400101	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Handpiece Manual: Straight	9400103	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Handpiece Manual: 1:5	9400104	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015437003		Operator and Maintenance manual	4202053	2	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3
7610015436723		CD containing Operator and Maintenance Manual, MSDS's and other documentation	4202183	1	EA	Included W/5077 NSN	Included W/5077 NSN	Bell Dental	N/A	N	3

