

Reconditioned Devices Cost Less and Reduce Waste

FDA-regulated reconditioned orthodontic appliances are safe and effective, and use of such devices saves considerable financial resources, as well as dramatically reducing the amount of harmful chromium and nickel ions which, if dumped, may pollute our groundwater.

Through reconditioning, our customers gain two significant benefits:

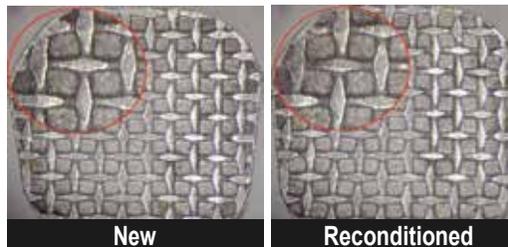
1. Financial savings, which can be re-directed toward enhancing patient care, and
2. Medical waste reduction, which demonstrates positive environmental stewardship.



Reconditioning means:

- ✓ We guarantee you'll receive your own devices back.
- ✓ Your devices will undergo the stringent quality-driven processes.
- ✓ We offer the fastest device turnaround time.
- ✓ The adhesive is dissolved instead of being charred.
- ✓ Our method does not alter the mechanical properties of the metal bracket and band.
- ✓ We value your privacy and will not share your information with any third parties.

Ortho-Cycle Co.'s Reconditioning Process does not alter the mesh or the undercuts of bases.



ORTHO CYCLE RECONDITIONED MINI BRACKET				
LOCATION	VICKERS	HRB	HRC	APPROXIMATE TENSILE STRENGTH
TIE WING	322.70	-	32.50	
TIE WING	314.40	-	31.50	146 Ksi
TIE WING	326.30	-	32.90	
BASE	159.60	83.20	-	
BASE	163.00	84.30	-	78 Ksi
BASE	162.20	84.00	-	

NEW MINI BRACKET				
LOCATION	VICKERS	HRB	HRC	APPROXIMATE TENSILE STRENGTH
TIE WING	328.80	-	33.20	
TIE WING	323.90	-	32.60	150 Ksi
TIE WING	336.30	-	34.00	
BASE	152.70	80.90	-	
BASE	144.80	78.20	-	74 Ksi
BASE	164.80	84.90	-	

The cross-sectional examination samples exhibited a similar microstructural appearance with no significant variation in grains size or hardness.

*St. Louis Testing Laboratories, Report of Analysis (Lab #13M0235)



Safe and Effective

We validate every step of our process pursuant to FDA scrutiny and periodic audits. A 510(k) clearance demonstrates that the reconditioned devices are "substantially equivalent" to a new devices with respect to safety and effectiveness. The validation studies we submit to the FDA encompasses: Risk Analysis, Cleaning, Decontamination, Packaging and Performance to ensure our products are safe and effective.



Our ISO 9001:2015 is a comprehensive quality management and assurance certification, which represents the company's adherence to international standards on good management practices and policies that consistently meet customer quality requirements.



ISO 13485:2016 is a similar certification specifying international requirements on the ability to continuously provide medical devices and related services to meet regulatory and customer requirements.



Ortho-Cycle Co., Inc.

- Leader in reconditioning orthodontic brackets and bands that are **American manufactured** since 1976.
- Company based in the USA.
- Participating Exhibitor at the **American Association of Orthodontists**.