

Automated Pipette Tip Washer

Wash & Dry Throughput: 6-8 Tip Racks / Hour
Dimensions: 16W x 24H x 16D inches

Pipette Tip Compatibility:

- Any Volume Range 10 µl- 5mL
- All Tip Rack Format; 96, 384, etc.
- Handheld Manual Pipette Tips
- Automation Pipette Tips
- Clear Pipette Tips
- Black Conductive Tips

Automation Integratable Friendly



Rethinking Laboratory Waste



TIPNOVUS™ *mini*



Wash Features ▼

- ❑ **Four Cleaning Reagent Inputs:** Enables the users to wash the consumables with the cleaning reagent of their choice.
- ❑ **High Pressurized Wash:** Eliminates any large contaminants from pipette tip surfaces.
- ❑ **Ultrasonic Cleaning:** Removes and dissolves small contaminants and particles from pipette tip surfaces.
- ❑ **Tip Agitation:** Improves the wash quality and overall cleaning process.
- ❑ **UV Sterilization:** Kills 99.9% of infectious diseases from the surface yielding sterile tips.

LEAF ▼

An intuitive, user friendly graphical software, LEAF™, allows user to program their own custom wash protocol for the TipNovus. LEAF™ software will enable the users to select the appropriate cleaning solutions, number of wash cycles, sonication, and UV sterilization features for the custom wash protocol.



Dry Features ▼

- ❑ **Tip Agitation:** Eliminates large droplets and improves overall drying process.
- ❑ **Heat-Fan Dry:** Automated temperature control heated fan for optimal drying.
- ❑ **Optional UV Sterilization**



Phone: 804-325-1354 - Fax: 804-299-5208 - sales@grenovasolutions.com - www.grenovasolutions.com



Reduce Cost and Waste Through Innovation

Every year over 4,000,000 pounds of plastic pipette tips, after a single use, are disposed of in landfills globally, leading to significant environmental pollution and costs. A typical laboratory consumes several thousand pipette tips daily for samples and assay procedures. At Grenova, we view the high consumption of plastic pipette tips as an unnecessary operational cost for companies and a significant contributor to environmental pollution. Therefore, at Grenova we have made it our mission to help reduce laboratory biohazard wastes while we help labs reduce costs on consumables. TipNovus™ is a bench top high throughput washing device that will enable the labs to wash and sanitize contaminated pipette tips in large quantities for reuse. TipNovus will offer labs a choice to re-use plastic pipette tips several times, cutting associated consumable costs by up to 90%. TipNovus' unique method of wash and sanitation is safe for both the lab and the environment.

TIPNOVUS™

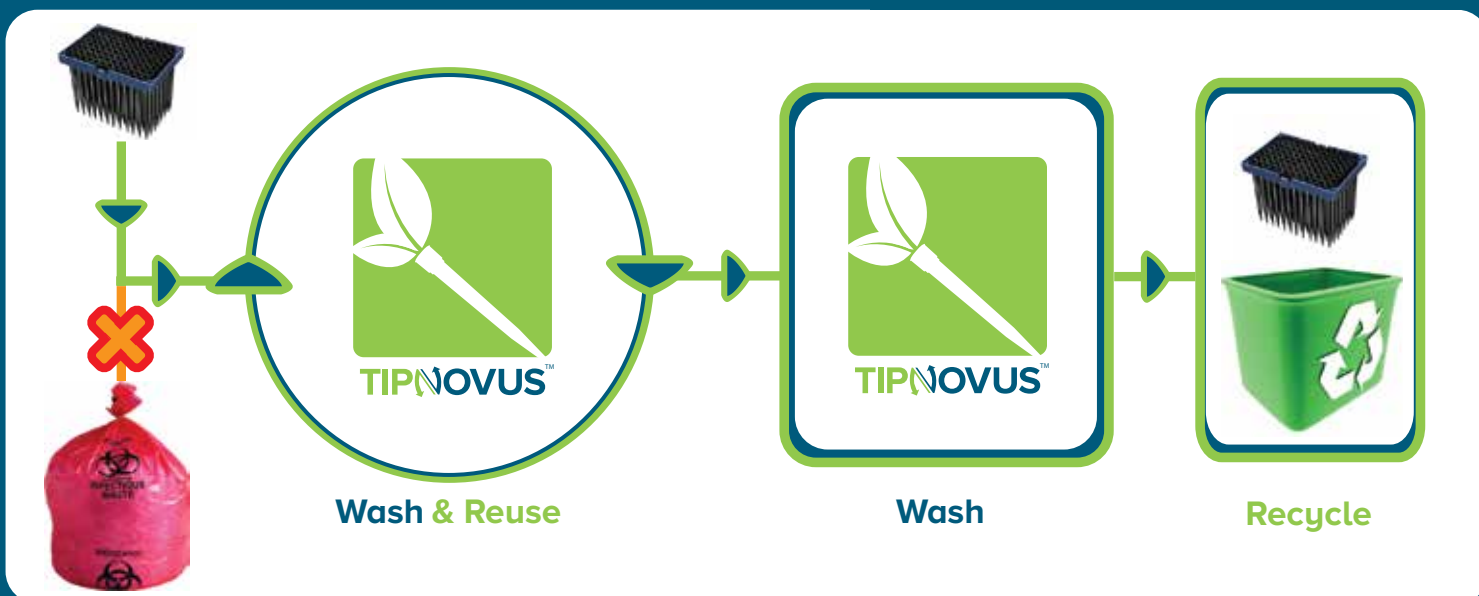


Wash & Dry Throughput: 16-24 Tip Racks / Hour
Dimension: 30W x 27D x 21H inches

Wash Features ▼

- ❑ **Four Cleaning Reagent Inputs:** Enables the users to wash the consumables with the cleaning reagent of their choice.
- ❑ **High Pressurized Wash:** Eliminates any large contaminants from the pipette tip surfaces.
- ❑ **Ultrasonic Cleaning:** Removes and dissolves small contaminants and particles from the pipette tip surfaces.
- ❑ **Tip Agitation:** Improves the wash quality and overall cleaning process
- ❑ **UV Sterilization:** Kills 99.9% of infectious diseases from the surface yielding sterile tips.

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