

JOIN THE CLEAN PLATE CLUB WITH



Microwell Plate Cleaner

Grenova is a leader in innovating and delivering solutions for pipette tip washing for the life science community. The Purus microwell plate cleaner is a new technology designed to bring sustainable practices into the lab, mitigate supply-chain constraints and reduce costs associated with single use plastics. The Purus removes chemical and biological contaminants from microwell plates so they can be reused.

PURCS TECHNOLOGY

Purus by Grenova leverages proprietary PURCS (Pressure Washed, UV, Rotation, Centrifugation, Sonication) technology.

SBS COMPATIBLE

Up to four plates that conform to SBS plate format can be cleaned in a single cycle.

NO HIGH TEMPERATURES OR CORROSIVE CHEMICALS

The Purus system avoids high temperatures and corrosive chemicals, so that microwell plates are not compromised through repetitive reuse cycles.

AUTOMATION COMPATIBLE

Purus is designed to work as a stand alone instrument or integrated with automated plate handlers.



Easy to Implement in Your Lab:

1. Simply insert your microwell plates of all types in Purus by Grenova
2. Select the clean cycle
3. Retrieve your clean microwell plates without carryover
4. Reuse your clean microwell plates in your lab
5. Repeat this process, again and again, to reduce waste and save money



PURUS BY GRENOVA		
DESCRIPTION	Bench top, microwell plate cleaning system	
INPUT	4 plates per cycle	
	Any skirted plate with SBS footprint	
	Up to 50 mm tall (standard and deep well plates)	
	384 or fewer well format	
DIMENSIONS	28.5" D (725 mm) x 21" W (535 mm) x 28.5" H (719 mm)	
OPERATING DATA	Voltage	120 VAC
	Frequency	50–60 Hz
	Maximum power consumption	12 Amps
	Environment temperature range	15°C - 35°C
	Environment humidity	≤ 50%
	Air pressure (min)	≥ 100 PSI (0.5MPa)
	Maximum reagents	4
	UV Wavelength (UVC)	254nm
MINIMUM COMPRESSOR REQUIREMENTS	Indoor use only	-
	Tank size	15 gal (38 L)
	Free air displacement at max pressure	> 2.2 CFM @ 90 PSI
	Tank pressure	120 PSI
	Output pressure	≥ 75 PSI
	Additional Considerations	In-Line filter, Shut off Valve and Regulator, DI water input
COMMUNICATION	USB	Type A
THROUGHPUT	Standard wash place	Estimated 12-20 plates per hour
	Rinse only	Estimated 16-24 plates per hour
VOLTAGE	110/220V availability	

