



NEU-LAB Range of Neutralization Tanks

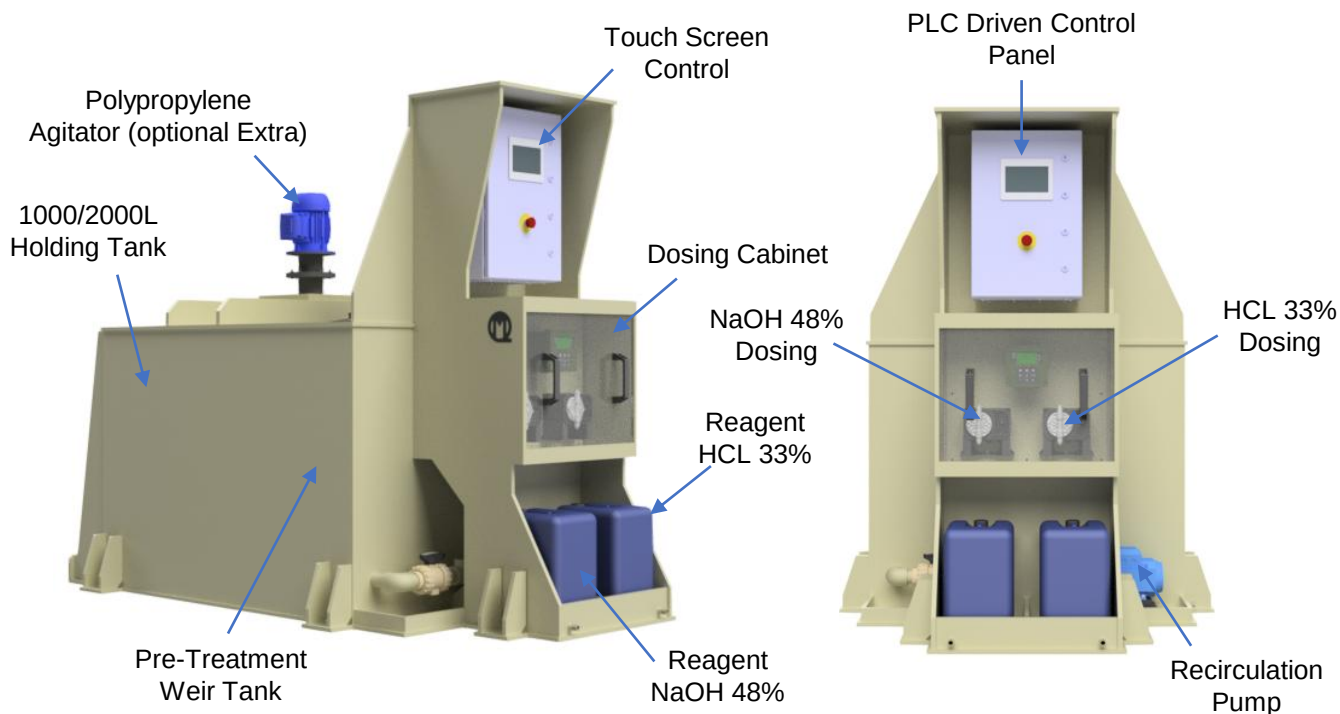
Modulab's NEU-LAB range of Chemical Neutralization Tanks are designed to neutralize acid and alkali chemical waste from wet chem laboratories. Waste that enters the holding sump of the tank is continuously recirculated to achieve the highest accuracy possible on PH adjustments. All units come standard with a smart PH monitor that controls the double reagent dosing system. The reagents used are NaOH 48% and HCL 33%. These reagents are fed into the process via a highly accurate metering pump system ensuring that all waste is neutralized soon after entry. All equipment present is PLC controlled via a large HMI touch screen. Modulab's NEU-LABs are available in 2 sizes. The two models in the range allow for 1000 liter or 2000 liter capacities. Only the highest grade DiBt Polypropylene is used in the manufacture of all NEU-LAB neutralization tanks. The NEU-LAB Range of Neutralization Tanks are the perfect addition to your Modulab Perchlor Fume Cupboard/s, Inte-Flow Fume Cupboard/s and Enviro Acid Scrubber/s.

Standard Features:

- Chemical resistant – PP-H Tank and Body
- Automated Liquid Recirculation
- Smart PH Monitoring
- PH Up and Down Dosing System
- 1000 or 2000 liter Holding Tank
- Automated Blow Down Cycle
- Pre-Treatment Weir System
- Continuous level monitoring

Optional Extra Accessories:

- SCADA integration port (Ethernet)
- Polypropylene Agitator (depending on application)
- Automated Liquid Agitation





Models and Specifications

Models	NEU-LAB 1000	NEU-LAB 2000
M.O.C:	Polypropylene PP-H	
Dosing Type:	2 off Metering Pump – Single PH Monitoring (Above / Below Set Point Control)	
Acid Reagent:	Hydrochloric Acid 33%	
Alkali Reagent:	Sodium Hydroxide 48%	
Full Height:	1450 mm (145 cm)	
Width:	950 mm (95 cm)	
Length:	2300mm (230cm)	3700mm (370cm)
Empty Weight:	500 kg	750 kg
Full Weight:	1600 kg	2900 kg
Power Consumption:	1500 W	2500 W
Holding Capacity:	1000 L	2000 L
Recirculation Circuits:	1 off	2 off

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