

MX300 / MX300EX Series Immersion Separation Vacuums

**COLLECT • NEUTRALIZE • SAFELY DISPOSE
COMBUSTIBLE DUST AND HAZARDOUS MATERIALS**



Ideal for :

IDEAL FOR MANUFACTURERS OF:

- Aluminum extruded products and foundries
- Propellants and Air Bag Manufacturers
- Titanium
- Guided missiles and space vehicles
- Metal cans
- Motor vehicle parts and accessories
- Primary production of aluminum
- Zirconium
- Gun power manufacturers
- Magnesium
- Aluminum die-castings

**Class E
Certified**

**For use when
collecting
aluminum,
magnesium,
TNT, zirconium,
titanium and
glowing media.**



COLLECT, NEUTRALIZE AND SAFELY DISPOSE

If you are vacuuming material that may contain an ignition source, is explosive although your environment may not be, is impact sensitive or unstable or if you are currently using wet dust collectors on your process equipment, you need Ruwac's MX300 / MX300EX Series immersion separation vacuum system. Ruwac's MX300 / MX300EX Series are designed to safely collect explosive or glowing media, neutralize the contents and filter out any remaining chips or residue so the liquid can be reused.



Features & Benefits

- Continuous duty single and three phase TEFC motors
- Motors and switches certified for Class I, Divisions 1 and 2 Group D and Class II, Divisions 1 and 2 Groups E, F and G combustible dust
- Inclusive sound suppression for quiet operation
- Low maintenance design features quick and easy access to a stainless steel dispersion screen, demisting pad, and hydrophobic / oleophobic filters
- Direct water fill with garden hose connection back-flushes internal dispersion screen
- Stainless steel ball valve with sanitary discharge fitting easily relieves sludge and debris build up from inside the vacuum into filter bag assembly for safe disposal
- Hydrogen relief valve opens as needed to remove building gas pressure
- Durable compression cast composite housing will never dent, break or rust, and is backed by Ruwac's lifetime warranty
- Carbon impregnated housing is chemically neutral and static dissipating to eliminate static discharge, and fully modular to accommodate filter upgrades
- Heavy duty static conductive 3" double casters, a counterbalanced base and low inlet provide stability and easy mobility

Model	HP	CFM	Hg"	Volts	Amp
MX301 / MX301EX	1.5	150	5.5	110	16
MX302 / MX302EX	1.5	150	5.5	220	9
MX303 / MX303EX	3	180	5.7	230	7.2
MX304 / MX304EX	3	180	5.7	460	3.6

Filtration



44 ft² Hydrophobic / Oleophobic filtration purifies the air

Included Accessory Package



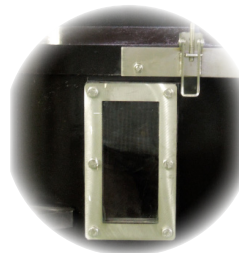
1.5" ID x 10" Urethane, Fully Grounded, Static-Conductive, NFPA Compliant Hose w/ Two 1.5" Molded Cuffs; Exclusive 16" Conductive Rubber Floor Tool w/ Replaceable Bristles and Squeegee; 54" Aluminum Two Piece Wand; 11" Aluminum Crevice Tool; 3" Round Static-Conductive Brush w/ Carbon Impregnated Nylon Bristles; 2" Button Lock Reducer x 1.5"



Stainless steel discharge ball valve for easy emptying of liquids and materials



5 micron discharge filter assembly safely collects chips and sludge

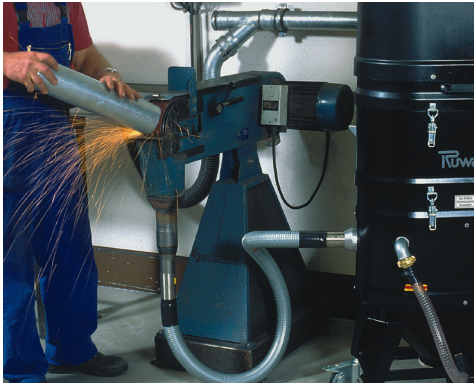


External sight glass allows you to see when liquid level is saturated and needs changing



Water fill connection backflushes dispersion screen

PROTECT AGAINST COMBUSTIBLE DUST AND MORE!



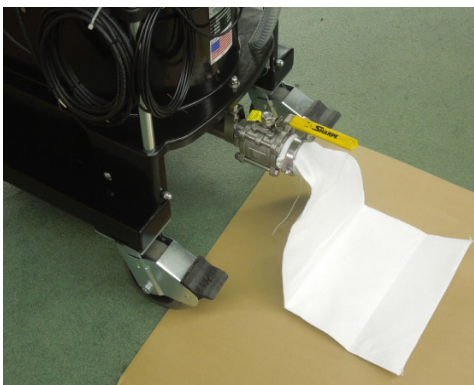
COLLECT

The MX300 / MX300EX Series Immersion Separator features a complete self-contained continuous duty vacuum system. Work environments using explosive, impact sensitive or glowing materials such as aluminum, titanium, magnesium, zirconium, TNT and other volatile dusts that may contain an ignition source will not only benefit from eliminating the risk of an explosion, but keeping workspaces clean in the process.



NEUTRALIZE

Particulates entering the immersion separation vacuum are immediately mixed in a turbulent liquid bath. The force of this rapidly moving air and liquid completely submerges all collected particles. This stops the already contained materials from finding any possible ignition source that could be introduced to the vacuum, guaranteeing a safe working environment and eliminating risk of an explosion.



SAFELY DISPOSE

What makes Ruwac's MX300 / MX300EX Series Immersion Separator so unique is that it provides clean, filtered discharge of contents thanks to the assistance of a discharge filter assembly. This assembly collects chips and debris, allowing users to safely dispose of them and reuse the remaining liquids for repeat cycles of collection materials.

OPTIONS



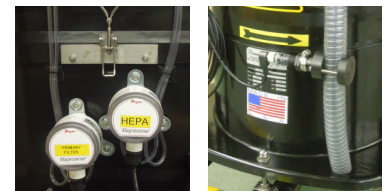
HEPA FILTRATION

Modular housing allows for upgrades to HEPA filtration at any time, to collect and contain debris down to and including 0.3 microns.



HOSE HANGER

A hose hanger can be attached to the front of any MX300 / MX300EX Series Immersion Separator vacuum to hold and organize excess hosing.



SENSORS & MONITORS

All MX300 / MX300EX Series Immersion Separators can be customized to include sensors to detect liquid levels, provide automatic fills, filter performance and more! Contact us for more information.

MX300 / MX300EX Series Immersion Separation Vacuums

FUME EXTRACTION SWING ARM

The optional Fume Extraction Swing Arm safely remove gases, airborne dusts and smoke emitted during the manufacturing process. These assemblies are fully mobile and retractable mounted onto a pivot arm extension. It also features an arm with an adjustable tensioner that guarantees positive placement once fixed into the position of your choosing.



FEATURES & BENEFITS

- Retractable reach
- 360° Swivel
- Fully rotational 3" capture hood
- Compact flexible design for easy portability
- Adaptable to any Ruwac vacuum series



Wide capture hood radius and handle allow for quick and easy point of source positioning



Regulator lever adjusts the level of air flow through flex arm

ALSO AVAILABLE...

NA250 Immersion Separator

Designed to work with any existing portable vacuum up to 525 CFM. Safely collects explosive / glowing media (Aluminum, Magnesium, Titanium) entering the vacuum by submerging them into liquid bath.



More Accessories!

Don't see what you want here? Ruwac offers a wide selection of accessories to fulfill your vacuum needs! Contact us today to receive your very own copy of our Accessory Catalog!

