

Spray Gun Cleaning Procedures

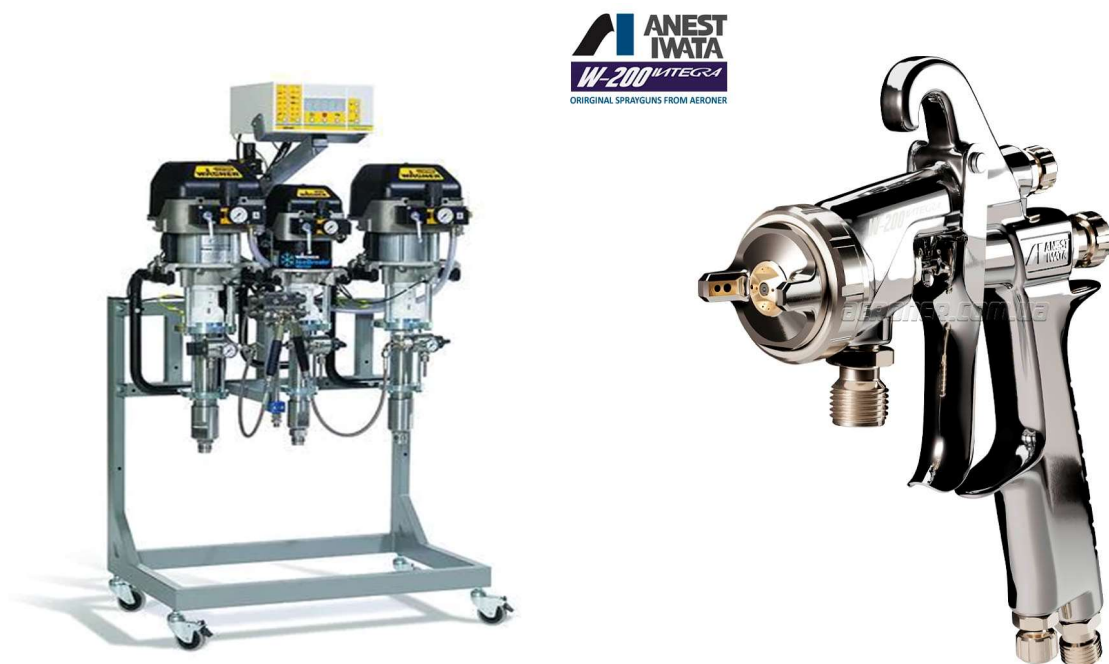
We will carry out 2 types of procure for cleaning spray guns in the paint shop.

Type 1

4 Spray guns per booth will be connected to a Wagner 2k Mix pump. They will be connected by paint fluid lines and airlines of 15 metres long. The paint pumps will send paint from the pump to the spray gun. Once spraying activities are complete the paint will be swapped for cleaning solvent and the cleaning solvent pulled through the paint lines until no paint is left in the paint lines and only clean solvent is left in the paint lines.

The waste paint and cleaning solvent will be disposed of into a paint tin within a lidded steel container.

All waste paint and solvent will then be transported to the paint kitchen where it will be put into a solvent recycler. All waste paint and solvent will be recycled to reuse as cleaning solvent. Please see images below of Wagner 2k Mix system and Iwata W200 integra spray guns.



Type 2

Each paint sprayer will also have a suction fed spray gun that will be used when painting smaller areas with small volumes of paint, a maximum of 2 litres.

Once spraying activities are complete spray guns will be placed into the Iwata spray gun cabinet as seen below. The cabinet has a sealed lid. Once the lid is down the operator will press the start button. The gun cleaning cabinet will then start its timed cycle. This works by pumping clean solvent around the machine and into the spray guns cleaning all paint from the gun. This will be an air operated pump. In the base of the cabinet there will be a drum of clean solvent attached to the pump and a drum for the used waste cleaning solvent.

All waste paint and solvent will then be transported to the paint kitchen where it will be put into a solvent recycler. All waste paint and solvent will be recycled to reuse as cleaning solvent. Please see images below of Iwata Spray gun cleaning cabinet and Ciemme solvent recycler.

