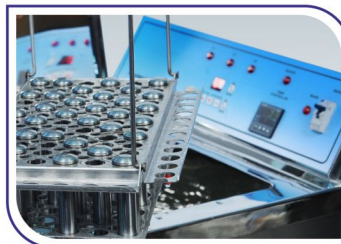




ULTRASONIC PUNCH & DIE CLEANING MACHINE

The Ultrasonic Cleaning Machines provide an effective and efficient method for cleaning compression tooling and parts



Benefits & Features of Ultrasonic Cleaning Machine

- Cleaning times are normally 15 mins - Reduced processing & operator time.
- Allow for whole punch cleaning including in & around embossing, keyways & any other tooling parts that are difficult to access.
- No special operator skill required.
- Safe & Portable.
- Dust Cups can also be cleaned.
- Capacity (P&D).
- Minimises damage due to handling.
- Reduces chances of Tip Corrosion due to improper cleaning.
- Consistent results.

Improper cleaning of Punches & Dies is a key concern for the tablet production department. It can not only lead to product contamination but also has an adverse effect on the quality of tablet and tool life.

The Ultrasonic Punch & Die Cleaning Machine offers effective and consistent cleaning without manual intervention. Even the most fragile part of the punch - the tip, is also cleaned of all the deposits without risk of deterioration. Difficult areas like intricate embossing, upper punch key ways, inside of die... are also cleaned with same efficiency. Cleaning such areas is not only difficult but also time consuming if done manually. It also reduced chances of damage as manual handling is minimised.

The ultrasonic source delivers alternating phases of low and high pressure to ensure uniform cleaning consistency. A cleaning basket is included with each unit.

Salient Features

- Common for "D" & "B" tooling
- Cycle time of 5 to 15 minutes
- Timer Controller
- Temperature Controller
- Tank suitable for Tool Basket

Stainless Steel Tooling Tray

This SS Tooling Tray has been designed to help save time, reduce handling and prevent tool damage. The tray is suitable for use in Ultrasonic Cleaning Machines. It also provides secure handling of punches and dies from the tablet press to the cleaning system to the storage shelf. For maximum efficiency, the Tray can also be used for storage along with the plastic storage box.

Technical Specifications

- Power Supply: 230 V – Single Phase
- Tank
 - Material: S.S. 316
 - Inner Dimension: 500 x 300 x 300 mm [LxBxH]
 - Outer Dimension: 650 x 400 x 600 mm [LxBxH]
 - Capacity: 45 Ltrs
- Media: Alkaline based solution mixed in water [5 % to 10 %]
- Tool Basket Capacity
 - Model D 23 (D tooling) – 23 Sets
 - Model B 33 (B tooling) – 33 Sets
 - The same tool basket can be used for storage also.