

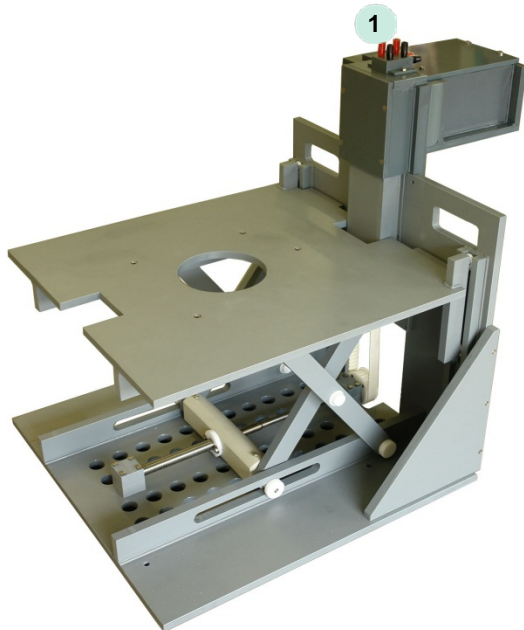
## Special-purpose lifting/lowering table

The lifting/lowering system with electric drive serves to facilitate the movement of the work pieces and special fixtures during the diamond electro-plating process.

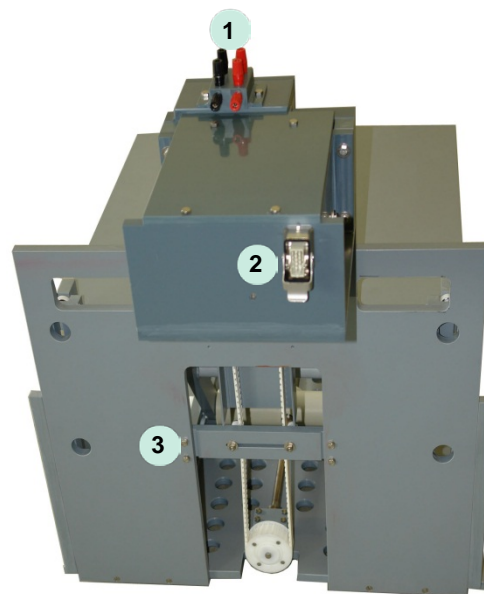
The system allows the flexible mounting of various diamond electro-plating fixtures or rotation devices. For an easier spread-over of diamond grits or for mounting or removal of the parts, the whole mechanism can be lifted or lowered to a defined position by means of the electric motor.

The motor control can be integrated into the corresponding electro-plating or process control according to the customers' specification.

The lifting and lowering tables are available in different sizes and can be customized to fit the existing electro-plating tank dimensions.

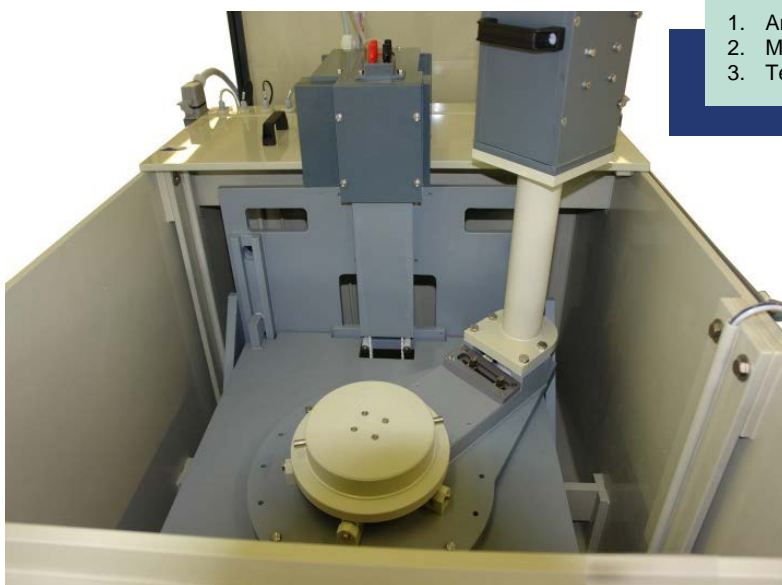


Front view of lifting/lowering table.  
Flexible mounting of a bayonet catch or a rotation unit to hold various types of electro-plating cassettes.



Rear view of lifting/lowering table.

1. Anode/cathode connections
2. Motor control connector
3. Tension adjuster for timing belt



Lifting/lowering table with mounted rotation unit and bayonet catch fitted into electro-plating tank.