

Planetary vibratory finishing systems *Standard / 3D elite*

Tasks

Planetary vibratory finishing systems are used for tiny as well as very delicate parts when the highest demands are placed on the surface. They are ideal for a wide variety of materials such as stainless steel, gold, brass and plastics. In planetary vibratory finishing systems, parts can be polished, deburred, smoothed and rounded. Forplan 3D planetary vibratory finisher is unique in the world!

Principle of operation

The interplay of varying centrifugal forces causes a very uniform movement of the parts/processing mixture. In the process, rotation directions acting against each other enable a good material flow even at high speeds. For this reason, the systems are capable of carrying out both wet and dry processing operations. By automatically adjusting the rotation axis angle by up to 90 degrees, the ideal relative movement can be evaluated for each part.

Advantages

- Great flexibility
- Processing with wet and dry media
- Maximum surface quality with minimal edge rounding
- Different container sizes for different part ranges
- Freely programmable control system with touch screen
- Two models (standard and 3D)
- Extremely smooth running
- Minimal damage to parts

Examples of use

- Micromechanics
- Watch industry
- Décolletage
- Dental industry
- Medical technology
- Electronics
- Ceramic industry

Range of components

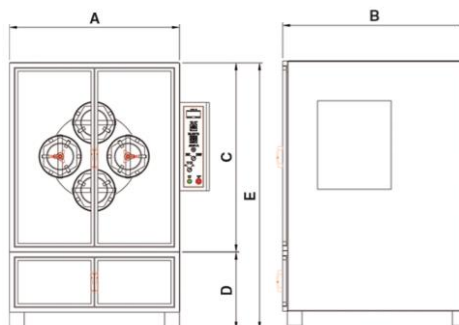
- Implants
- Watch clasps
- Micro gear wheels
- Finely stamped parts
- Décolletage parts
- Jewels
- Watch numerals
- Ceramic parts



Technical details

Model planetary 3D Elite

Model		2/3/6lt	9lt
A	mm	1150	1150
B	mm	1250	1400
C	mm	1285	1470
D	mm	520	520
E	mm	1810	1995
Rotation	t/min	5-180	5-180
Motor power	kg	2.5	3
Weight	kg	892	930
Tension	V	400	400



Standard Model planetary vertical

Model		2/3/6lt	9lt	20lt
A	mm	1300	1300	1370
B	mm	920	1450	1252
C	mm	970	1155	1835
D	mm	600	600	-
E	mm	1570	1755	-
Rotation	t/min	5-180	5-180	5-180
Motor power	kg	2	2.5	5
Weight	kg	495	520	900
Tension	V	400	400	400

