



Step 1



Step 2



Step 3



X «X-DESIGN»

Design

A special geometry designed for dispersing tablets and pills or for preventing suppositories from clogging or agglutinating.

Selection and applications

- Ultrafast crushing of tablets, coated pills, and suppositories
- Basis for the analysis of active pharmaceutical ingredients (APIs)
- Used in the substance analysis or for the quality control during the production of tablets



W «W-DESIGN»

Design

The W-design prevents fibrous, stringy or solid samples from clogging the rotor / stator.

Selection and applications

- Dispersing fibrous, stringy or solid samples (e.g., pieces of meat)
- All standard dispersing applications similar to EC aggregate



B «BIOTRONA® HIGH-TURBULENCE MIXER»

Design

High-turbulence mixing head with the least possible shear forces and energy inputs.

Selection and applications

- Quick removal and suspension of solid particles; also suitable for high viscosity applications



M «OUTSIDE CUTTING BLADES»

Design

Outside blades pre-cut samples that are larger than the rotors diameter. Subsequently, they can be dispersed inside the generator.

Selection and applications

- Dispersing of large samples made simple
- All standard dispersing applications similar to EC aggregate

Sales No.	Description	ø / length mm	Volume ml	max. Tip speed m/s
X «X-DESIGN»				
11030255	PT-DA 20 / 2XEC-E116	20 / 116	min. 10*	21
11030277	PT-DA 20 / 2XEC-E157	20 / 157	min. 10*	21
*When using a vessel ø 22 mm / volume is always dependent on the diameter of the vessel				
B «BIOTRONA® HIGH-TURBULENCE MIXER»				
11030034	PT-DA 07 / BEC-E107	7 / 107	10 – 100	7
11030286	PT-DA 12 / BEC-E157	12 / 157	50 – 500	12
11030288	PT-DA 20 / BEC-E192	20 / 192	100 – 2000	21
11030289	PT-DA 20 / BG-E210*	20 / 210	100 – 2000	21
11030291	PT-DA 25 / BEC-E192	25 / 192	200 – 2500	26
11030292	PT-DA 25 / BG-E210*	25 / 210	200 – 2500	26
*BIOTRONA® aggregate in gas-tight model				

Sales No.	Description	ø / length mm	Volume ml	max. Tip speed m/s
W «W-DESIGN»				
11030060	PT-DA 12 / 2WEC-E157	12 / 157	2 – 250	14
11030258	PT-DA 20 / 2WEC-E192	20 / 192	100 – 2000	21
11030290	PT-DA 20 / 2WG-E210*	20 / 210	100 – 2000	21
11030276	PT-DA 20 / 2WMEC-E192**	20 / 192	100 – 2500	21
11030260	PT-DA 25 / 2WEC-E192	25 / 192	100 – 2500	26
11030205	PT-DA 25 / 2MWEC-E192*	25 / 192	100 – 2500	26
* W-design aggregate in gas-tight mode				
** W-design aggregate with knives				
M «OUTSIDE CUTTING BLADES»				
11030266	PT-DA 12 / 2MEC-E157	12 / 157	2 – 250	14
11030263	PT-DA 20 / 2MEC-E192	20 / 192	100 – 2000	21
11030293	PT-DA 25 / 2MEC-E192	25 / 192	100 – 2500	26