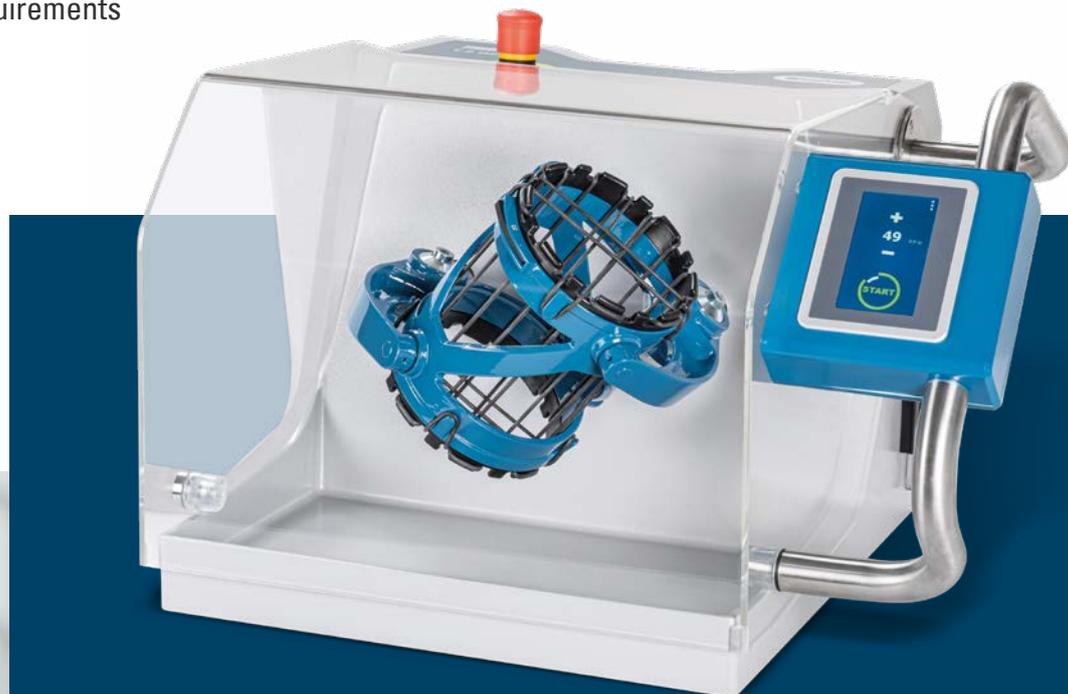


TURBULA®

3D SHAKER MIXER T 2 G / T 2 GE

High-quality mixing results in the shortest time,
which meet the highest requirements



RELIABLE PARTNER FOR YOUR PROCESS

Our many years of experience in mixing technologies as well as our closed and safe systems mean that our 3D shaker mixers with their optimised mixing movement stand out from existing alternatives.

Our TURBULA® T 2 G and T 2 GE series have been developed for users in industry (e.g. pharmaceuticals and food & beverage industries), who want to mix their individual product efficiently and guaranteed as homogeneous – whether solid-solid, liquid-solid or liquid-liquid.

The safe and user-friendly 3D shaker mixers with integrated control options, such as recipe management and timer function, guarantee reproducibility in your applications.



MAXIMUM FLEXIBILITY FOR EXACTING REQUIREMENTS

You are flexible in the selection of mixing containers for your application. This flexibility makes the TURBULA® series a popular mixer in labs and production.



3D MIXING APPLICATIONS

The 3D shaker mixers are used in all industries, in research and development as well as in production, where the highest demands are made on the homogeneity of the mixtures, short mixing times, surface treatment as well as the support of lengthy dissolving processes.



Pharmaceuticals



Diamond tools



Chemicals



Electro-technology



Surface treatment



Wear test



Cosmetics



Food & Beverage



Analytics



Ceramics



Sintered metals



Coatings



Pyrotechnics

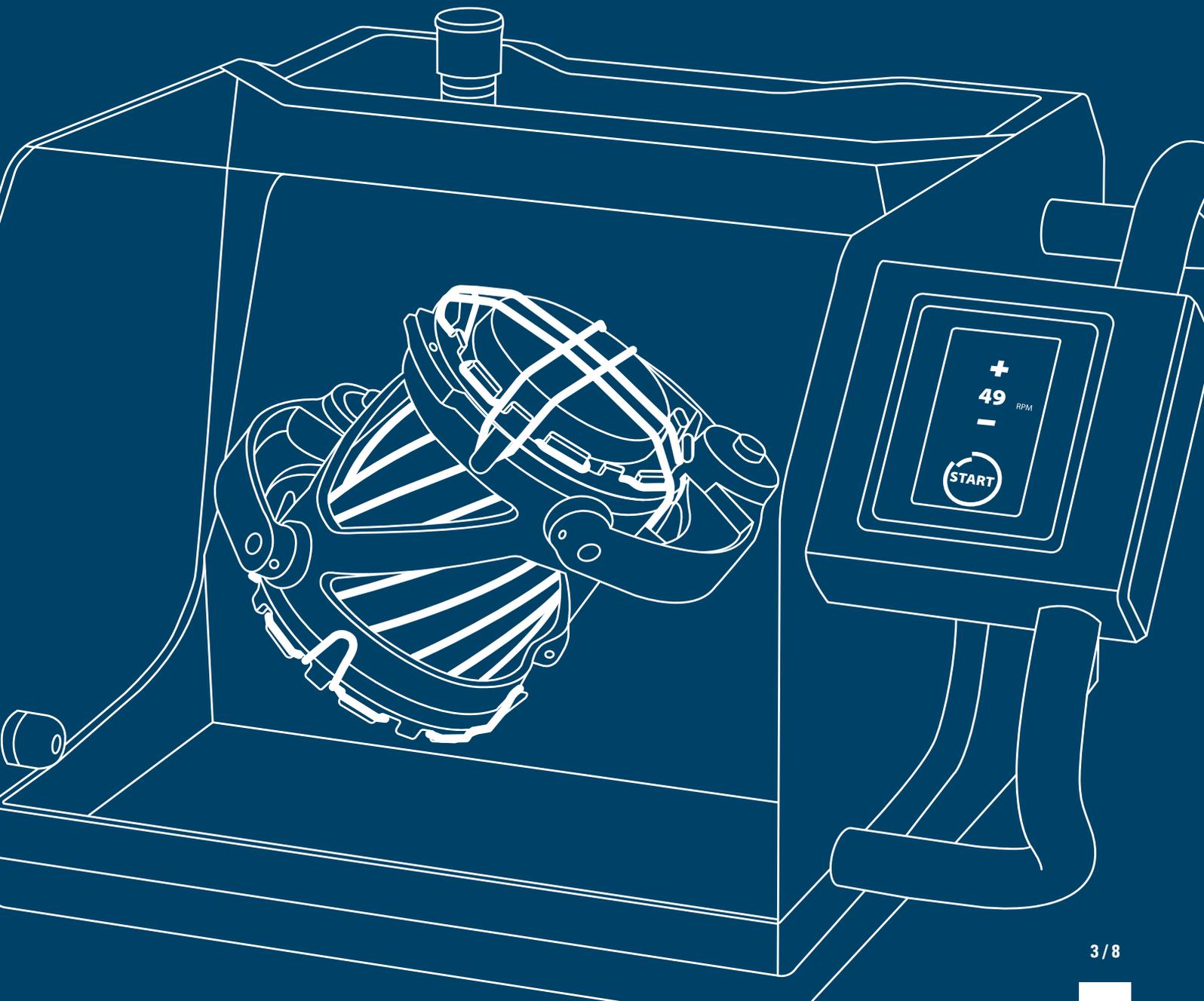


Battery materials



Industrial paint

The mixing process takes place in a completely closed container, which means that the process is free of contamination and the machine does not come into contact with the product. The TURBULA® series allows the use of mixing containers with a volume of 0.1 to 55 litres.



HIGH REPRODUCIBILITY OF THE MIXING RESULTS
IN THE SHORTEST OF TIME

DISTINCTIVE MIXING MOTION FOR EXCEPTIONAL HOMOGENEITY

Our 3D shaker mixers are based on the Paul Schatz theory. The unique TURBULA® mixing movement, made up of rotation, translation and inversion, puts the product into a constantly changing and rhythmically pulsating state.



**SCAN THE CODE
FOR MORE INFORMATION!**

www.wab-group.com/en/products/turbula

COMPACT DESIGN



SPECIFIC DESIGNS FOR A VARIETY OF APPLICATIONS

For use in the cosmetics, pharmaceutical and food & beverage industries, our TURBULA® mixers are available in different configurations on request.

Examples of different designs

- Suitable for installation in isolators
- Hermetically sealed machine basement with ventilation system
- Foodstuff varnishing
- Stainless steel table

To meet the requirements of the industry, qualification documents (DQ, FDS, FAT, SAT, IQ & QQ) as well as certificates (FDA, calibration, material etc.) are available for our TURBULA® mixers.

Benefit from the experience of our specialists and take the opportunity to find a suitable solution on site together with our process experts in one of our Process Technology Centres (PTC).



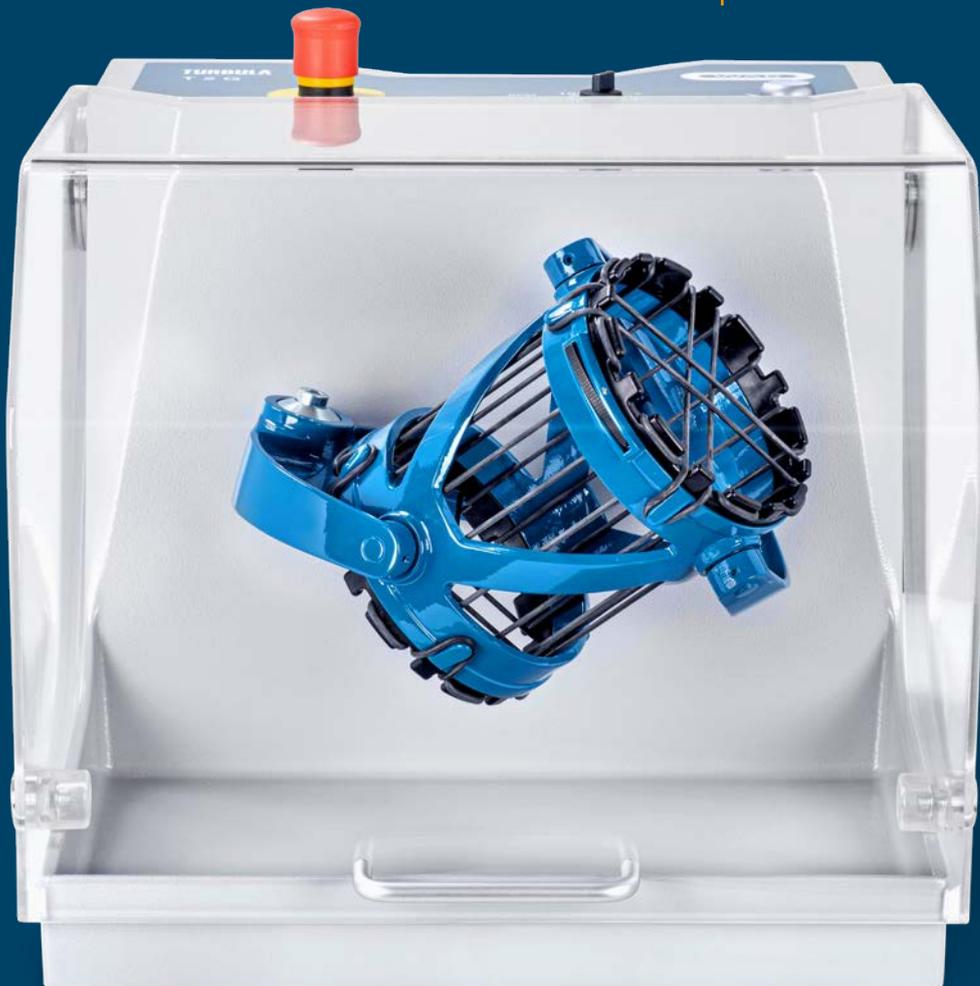
TURBULA® T 2 G

Simple operation and maximum reproducibility

Benefit from our many years of experience and our technical know-how in the area of mixing technologies. Our TURBULA® mixer creates added value for your production process.

Reproducibility of the results

Synchronisation of the mixing movement (every 4 ms) means uniform energy input is achieved.



Safe

Fast "Ready-to-load" function. Directly after the TURBULA® mixer stops, the mixing basket moves to the loading position, thus meeting the highest safety requirements.

User-friendly

A functional selector switch leads to easy speed selection, even during the mixing process.

Low-maintenance

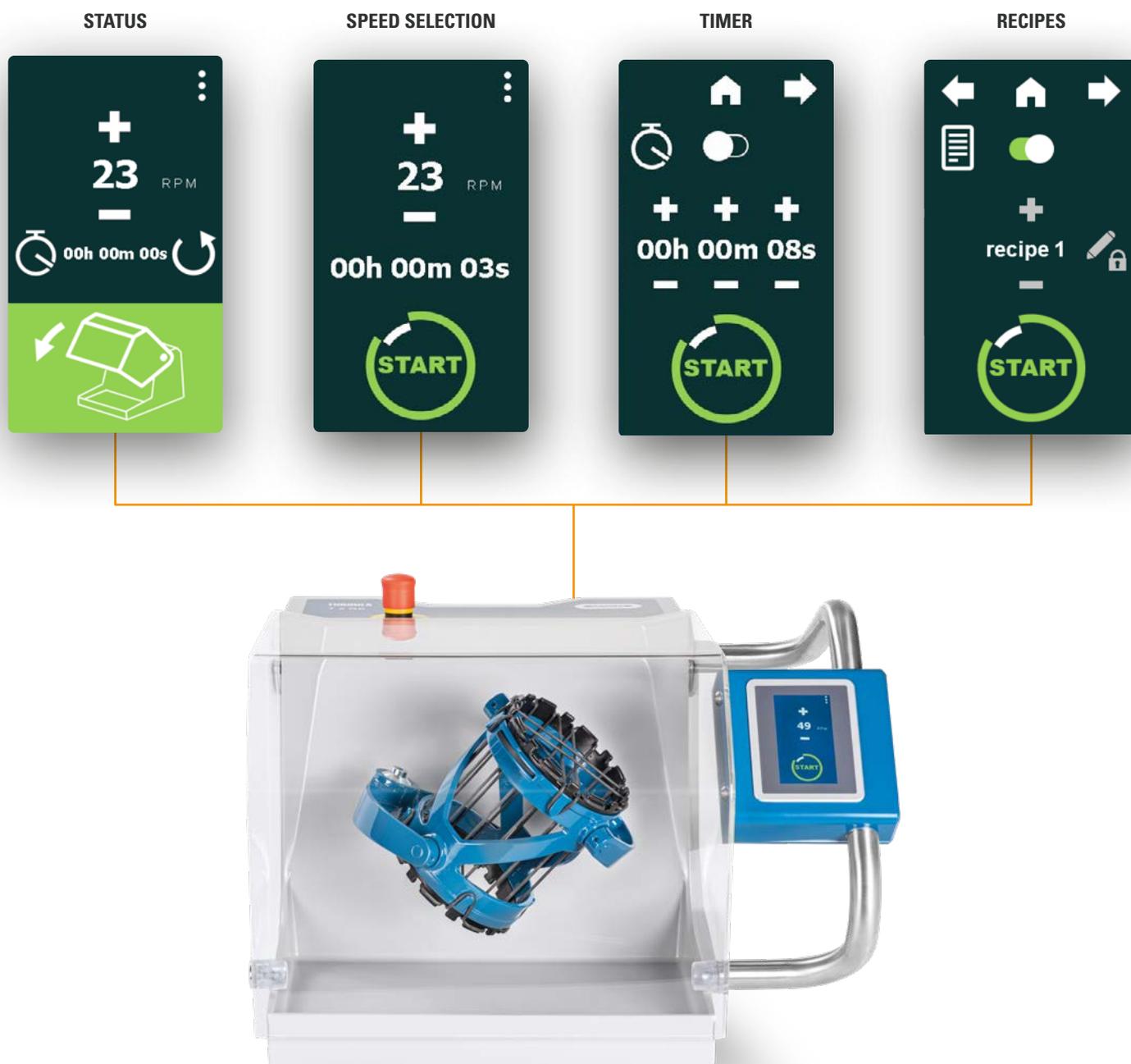
Electrical instead of mechanical drive concept which means that no chain tension service is necessary, no grease or oil consumption and no rubber abrasion.

TURBULA® T 2 GE

THE NEW 3D SHAKER MIXER WITH INTUITIVE TOUCH SCREEN

The intuitive operation panel touch screen with user-friendly interface and a PLC-based control system make the 3D shaker mixer an innovative product for your application.

- ✔ **Continuously adjustable speed selection:**
23–101 1/min
- ✔ **Start/stop function**
- ✔ **Recipe management**
(up to 20 recipes)
- ✔ **Password-protected operation**
- ✔ **PLC-based control system**
- ✔ **Timer function**



WAB-GROUP® ENTITIES

WAB-GROUP® is your reliable and global partner. With our local sites and technical specialists on site, we are happy to be at your service as a proficient mechanical engineering company and proven process expert. In our production facilities on four continents, we manufacture to the highest quality standards and assure professional and comprehensive support.

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