



miseco disc laboratory impeller the missing puzzle part in the perfect production process



miseco disc: **technology taken to the next logical step**

miseco GmbH has taken the innovative technology of the slowly-running stirrers to the next logical step. The new generation was born: The new miseco disc stirrer has been optimised with regard to cost efficiency, functionality and ease of cleaning. The miseco disc sets completely new standards in these disciplines.

miseco disc: **a small difference with a big effect**

The special geometry of the innovative stirrer ensures dynamic inherent current of the medium. These currents put the entire contents of the container into motion. And this produces perfect homogeneous mixing results. Within an extremely short time..

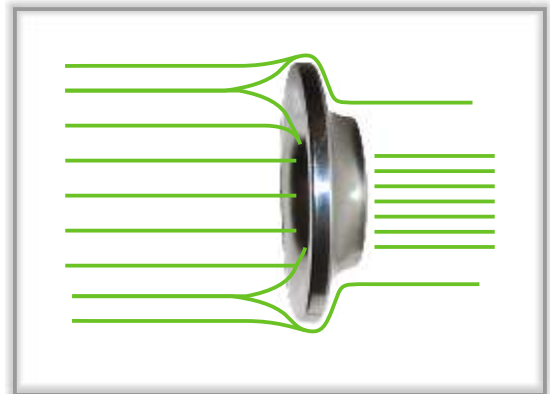
miseco disc: the basics

- ⊕ **Area of use:**
 - Fluid up to high-viscosity media
 - Low up to intermediate speed
 - Homogenization and suspension
- ⊕ **Centered position of the impeller**
- ⊕ **Relation ship vessel-Ø / impeller-Ø: 0,3-0,6**
- ⊕ **Peripheral speed: 2-3 m/sec.**
- ⊕ **Material 1.4404 (V4A), electrolytically polished**



miseco disc: : types and sizes

outer-Ø in mm	disc-Ø in mm	number of plates	connecting thread
60	22	2	M8
80	30	3	M8
120	38	3	M8
150	44	3	M8
150	44	3	M10
170	58	3	M10



miseco disc: Your advantages at a glance

- ⊕ **Perfect homogenization** in an extremely short time and in the entire container
- ⊕ **Gentle, low-shear stirring**
- ⊕ **No foaming**, as no air is drawn in
- ⊕ **Constant product temperature**
- ⊕ **Low energy consumption**
thanks to low speeds and short mixing times
- ⊕ **Simple design**
without additional built-in components (baffles, bottom bearings, etc.)
- ⊕ **Simple cleaning** due to flat design
- ⊕ **Folding system**
for containers and barrels with 150 mm or 70 mm opening.
Can be dismantled without tools and are easy to clean
- ⊕ **Gentle to gearbox**
balanced relationship of forces and centring properties



Agitator and impeller from a single source.

Have we awakened your interest? We are glad about this.
With pleasure we would present you the missing puzzle part for your success!

