



VISCO JET® SPIRAL



**Brilliantly
solved
for your
laboratory**

With our high-quality impeller solutions, you are ideally equipped in the laboratory. You can count on the reliable support of our VISCO JET® solutions for the development, testing, and quality control of your products.

The Application

The homogenization of media with high viscosity is part of the manufacturing process in many industries, for example, pastes in the food and cosmetics industry, the paint and coatings industry. Even when uniformly mixing solids such as powders or grains, for example in the field of plaster production, a successful mixing process is made more difficult by the changing product properties.

The Technology

The VISCO JET® SPIRAL is the best solution for homogenising highly viscous media and for efficiently suspending solids in liquid media.

The following features characterise the VISCO JET® SPIRAL:

- ☞ suitable for media with a viscosity up to 100.000 mPas
- ☞ induced dynamic mixing by accelerated laminar flows at the cone outlet as well as turbulence at the cone inlet and between the spirals
- ☞ the axial and radial flow design guarantees optimum flow rate in the vessel even with high viscosity of the product
- ☞ rapid mixing of solids from the surface into the product through a smart impeller design

Sustainable in every detail



Product quality

A consistent, high product quality at high viscosity and high solid content of the medium



Process efficiency

Improved process efficiency due to shorter mixing times



Process costs

Reduction of process costs through low wear and various combination options of agitator systems

The details

Ø Vessel (mm)	Filling height (mm)	Ground clearance (mm)	Type	Ø Impeller (mm)	Material	Ø Shaft (mm)	Thread
120 – 200	120 – 200	25		80	1.4571	10	M8
160 – 250	200 – 300	32		120	1.4571	10	M8
225 – 375	225 – 375	35		150	1.4571	10	M8

The perfect combination

Small, powerful and efficient - these are our VISCO JET® laboratory agitators. They are specially designed for these applications and, when combined with our impellers, provide the highest level of flexibility for daily laboratory work.



VJ100

VJ150



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