

GEAR DRIVEN AGITATOR U-IMPELLER

Product image



Industries



FOOD



NEW FOOD

Performance



Processes

Mixing / Storing /
Open process / Sterile process



Viscosity
range

1 - 5,000 mPas



Capacity
range

1,000 - 80,000 litres

Technical features

Material

316L (1.4404 / 1.4435) /
Alloy
+ further materials on request

Seal material

SiC / Carbon / EPDM /
FKM / FFKM
+ further materials on request

Surfaces

Standard Ra < 1.6 µm ground
+ higher quality on request

Sealing system

Single and double-acting
mechanical seal
Optional: aseptic version

Supply systems

TS-system or steam-
condensate-system

Certificates / conformities

EG 1935/2004 / 3.1 / FDA /
ASME / GMP-compliant /
EHEDG-compliant /
ASME BPE-compliant

Special features

- ✓ No disadvantages with regard to the mixing quality compared to top-mounted agitator
- ✓ No pass-through operation, down to minimal mixing quantity no air introduction
- ✓ Lower costs of acquisition compared to conventional agitators
- ✓ Can be easily and well cleaned
- ✓ Simple maintenance and installation
- ✓ Ultimate reliability



EXCELLENT QUALITY, FIRST-CLASS ADVICE: THE PERFECT MIX FOR YOUR SUCCESS

More than 40 years of experience, innovative technologies and excellent service: this mix has turned PRG into one of the world's leading suppliers of agitator technology, agitators and agitator systems.

With the highest precision and state-of-the-art production methods, we develop and produce agitating machines and systems for you. You can not only rely on the quality of our products, but also on our extensive consulting expertise: in-depth knowledge of the industry and a sound understanding of processes ensure that we always provide you with the optimum technical solution for your requirements – whether you are a plant planner for large industrial applications or a medium-sized company.

Quality and precision down to the smallest detail – this is what customers worldwide from a wide range of industries rely on.



FOOD



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COSMETICS



BIOGAS



PHARMA



BIOTECH



CHEMICALS

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