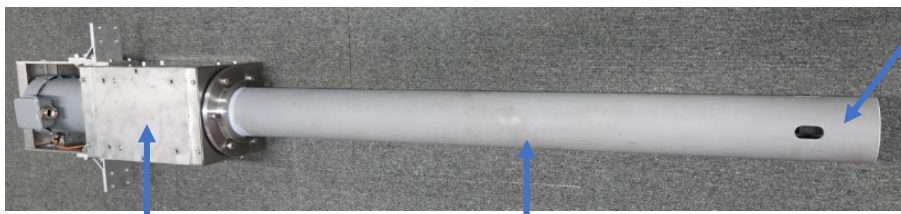


# High Efficiency of Degassing Mixer Microbubble Generator (MbG80-700~1200)

## Characteristics

- ▶ Impeller rotates inside stoke and generate microbubble.
- ▶ Microbubble stays in molten longer time than that of conventional , it enables to high degassing performance.
- ▶ Microbubble generator doesn't make surface wave, so it decreases dross by used in combination with cover flux



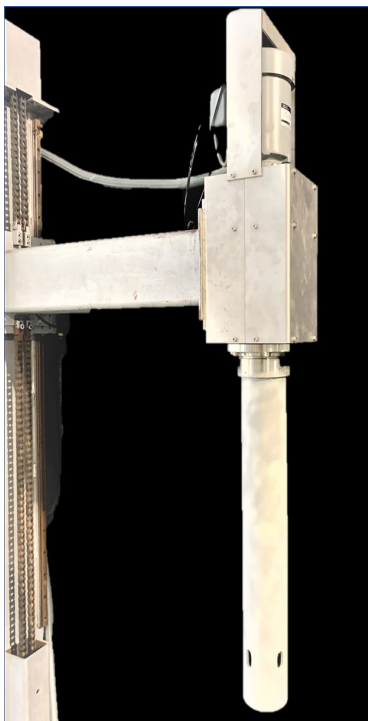
**Motor 0.4KW**  
200x680mm

**Impeller Stoke**  
(silicon nitride)  
Φ100x700~1200mm

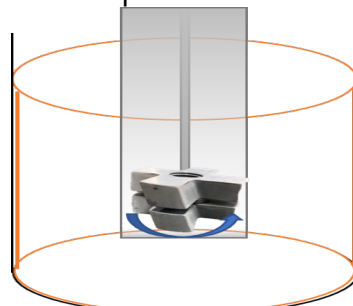
**Microbubble Generating Part**  
Impeller φ80 x 2pieces



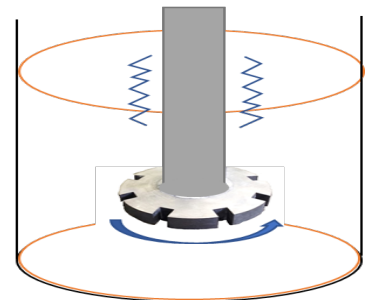
## Easy Installation in Small Space



- Impeller isn't exposed and its head is small. You can set it in small space such as near immersion heater and gutter.



**Microbubble Generator**  
(Impeller rotates inside stoke,  
it reduce collision risk)



**Conventional Mixer**  
(Shaft move and may attack  
deposit and heater in furnace)

- Installation place: Holding furnace, LP furnace, Gutter. It prevents deposition of oxide inside furnace and tube heater.
- You can reduce degassing gas like Ar. If you would like to control degassing gas volume under 1litter/min, manometer is required separately.

### ▲ Installation Example

Motor	appr. 42kg
Impeller(700mm)	appr. 10kg
Total	appr. 52kg

Caution: In case molten contains lots of dross and inclusion, impeller may be broken. So we recommend flux treatment before the usage of microbubble generator.