

Low Shear Applications



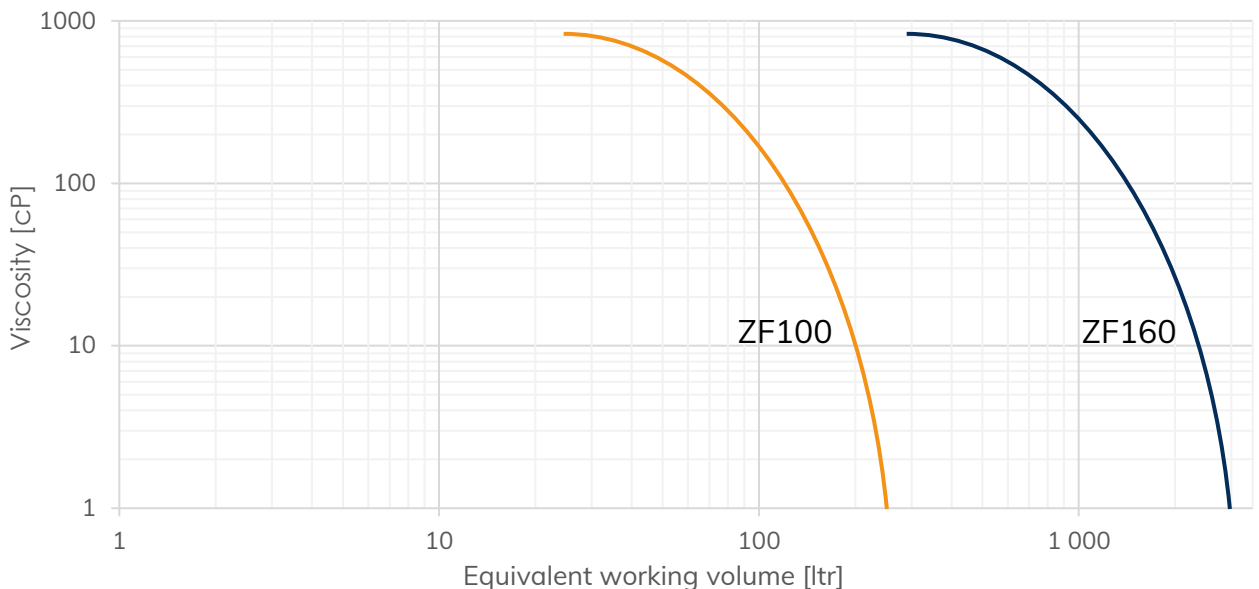
# Truelev

## Free Floating Magnetic Mixer

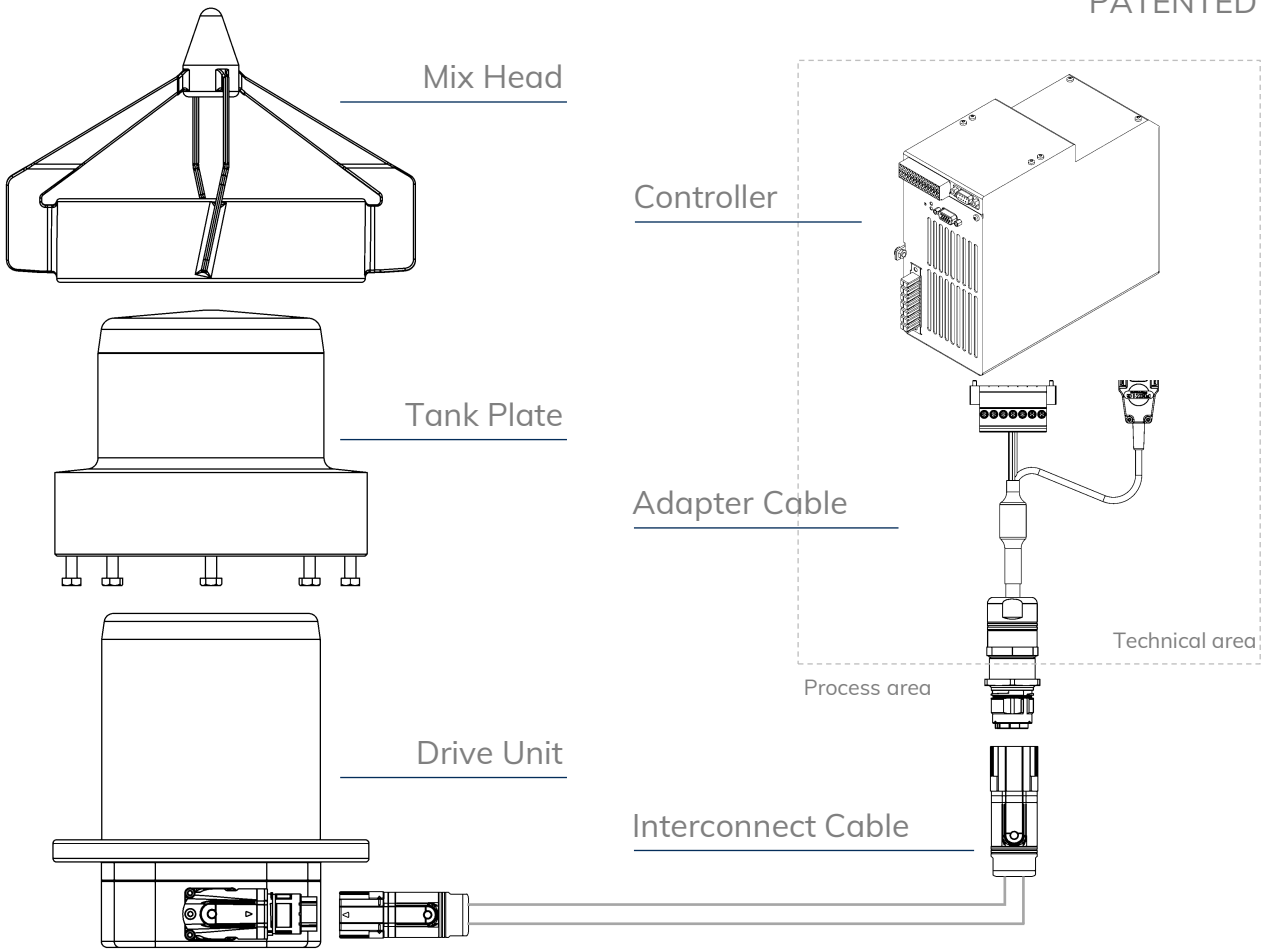
The Truelev Mixer is an astonishing breakthrough in engineering, eliminating all known flaws of previous mixer designs in one giant technological leap! The revolutionary Truelev with its bearing-less fully levitating technology is perfect for shear sensitive products. This product is our high-end mixer that offers a unique control and measuring capability that can be leveraged in all tanks, final drug substance holding tanks or bioreactors

### Basic Selection

	ZF100	ZF160
Max Volume at 1 cP [ltr]	250	3000
Max Speed [rpm]	350	350



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General guide for components detail specification data sheet  
(More variation options available for each subcomponent)

Mix Head	Tank Plate	Drive Unit	Controller
DS-038 ZF MH	DS-039 ZF TP	DS-041 ZF DU	DS-042 ZF Controller

Net Weight (approximate)		
Mixer Model	ZF100	ZF160
Weight kg (lb)	5 (11)	14 (31)

Additional information	
Operating Temp	5°C - 135°C (41°F - 275°F) Environment Temp 0°C - 40°C (32°F - 104°F)
Operating Pressure	-1 – 7 barg (-14.7 – 103 psig)
Surface Roughness	Ra ≤ 0.38 µm (15 µin)
Surface Treatment	Electro polished. Non animal origin polishing compounds are used.
Product contact material	Standard SS material 316L. Other material options available upon request.