



# Farma Mixer

**FELDMEIER  
EQUIPMENT, INC.**



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**Retractable  
Shaft**



**Low Level  
Mixing**



**Quick Removal &  
Inspection**



## Design Features

### Product Contact Features:

Custom impeller designed for easy cleaning, meeting BPE riboflavin testing requirements.

Feldmeier guarantees mixing and cleaning performance.

Highly polished shaft and impeller assemblies down to a 5 Ra electropolish finish.

Variety of impeller designs available.

316L Stainless Steel wetted parts are standard, other alloys available such as AL6XN, C-22, and Duplex 20.

Low Level Mixing Capabilities.

### Seal and Mixer Mount Features:

Standard single mechanical seal.

- 0.150" TIR

- Full Vacuum up to 225 psig

- Carbon face is designed to reduce noise typically associated with dry running mixer seals.

Oversized seal affixed to larger diameter quill shaft to reduce shaft deflection in seal area.

The correct seal height is fixed by design.

Available with or without debris well.

Feldmeier seal gland designed to allow for inspection of debris well without disassembling agitator.

Increased annular space around shaft and oversized seal for improved cleanability.

Available with split single or double mechanical seal.

### Motor and Gear Reducer Features:

All stainless steel components manufactured with 316ss or higher alloy (no painted components).

Standard mounting to any sanitary clamp connections. Pad flange option available.

Stainless steel gear reducers for output speeds ranging from 30 to 350 rpm with heavy duty tapered roller bearings.

C-face stainless steel inverter duty motors ranging from 1/2 hp to 7.5 hp.

Washdown duty assembly with mechanical seal enclosed in a stainless steel mixer unit.

Innovative shaft attachment to allow for low level mixing even with hinged top head designs.

### Regulatory Design:

All seal and drive components can be serviced without the need for vessel entry.

Innovative impeller design to overcome CIP/SIP issues that are common with foil type and pitched blade styles.

Validation documentation including finish, material, riboflavin test, electropolish and passivation certification.



# FELDMEIER PRE-ENGINEERED MIXER CONFIGURATIONS

## PHARMACEUTICAL ALL STAINLESS STEEL DESIGN

Agitator Mount	Shaft Diameter	Seal Diameter	HP	RPM
<p>4" Tri-Clamp (6.5" Diameter Housing) Boston 700 Series Model 721 1.25 Service Factor</p>	1"	2"	1/2	350
				175
				117
				70
			3/4	350
				175
				117
				70
			1	350
				175
				117
			1-1/2	350
175				
2	350			
<p>6" Tri-Clamp (9" Diameter Housing) Boston 700 Series Model 732 1.25 Service Factor</p>	2"	3"	1	70
			1-1/2	117
				70
			2	175
				117
				70
			3	350
				175
				117
				70