



Taha Kimia Tajhiz Co.

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# **Constant Speed Mixer Model 686CS Datasheet**

**Drilling Fluids Testing / Blenders and Mixers  
Equipment**

## Constant Speed Mixer Model 686CS

### Description

The Fann Constant Speed Mixer, Model 686CS is designed to mix cements in compliance with API standards and recommended practices. The Constant Speed Mixer is equipped with a 32 oz stainless steel jar and a remote control. A 64 oz stainless steel jar is also available as separate purchase. This mixer has control buttons for programming mixing speeds and times. The API Profile button is programmed with API standard settings, 12,000 rpm for 35 seconds.



### Application

Heavier weight cements are needed to withstand higher downhole pressures in deeper wells. The Model CS686 mixer has a heavy-duty motor that can handle thicker cements at proper speed. This mixer is used in oil well cement research, cement additives testing, and cement manufacturers' quality assurance programs.

### Advantages

- Easy to read Liquid Crystal Display (LCD) shows operating messages on sharp, blue backlight
- Programming features that can be easily setup
- API Profile pre-programmed for 12,000 rpm, 35 sec
- Control features for easy operation
- Mixer speed from 1000 rpm to 28,000 rpm (100 rpm steps)
- Programmable time from 1 sec to 999 sec (1 sec steps)
- Acceleration from 500 rpm/sec to 20,000 rpm/sec (500 rpm/sec steps)
- Two profile buttons for custom programming (5 steps)
- USB remote Interface for easy viewing
- USB interface for customizing mixer using computer program

## Specifications

Parameters	
Speed range	1000 to 28,000 rpm
Capacity and material	32 oz (946 ml), stainless steel (container w/lid)
Dimensions	11 x 10 x 16 in 28 x 25 x 41 cm
Weight	17 lb (7.7 kg)
Power supply	120V, 50/60 Hz, 13 A

## Ordering Information

Part No. 101656308— Constant Speed Mixer, Model 686CS, 115V, 50/60 Hz

Optional Accessories	Part No.
Step-Down Transformer for 230 V	101553700
Stainless Steel Container, 32 oz (946 mL)	101948588
Blending Assembly for 32 oz container	101957727
Blender Blade for 32 oz container	102001777
Stainless Steel Container, 64 oz (1.9 L)	101948589
Blending Assembly for 64 oz container	101998395
Blender Blade for 64 oz container	102001793

*Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.*