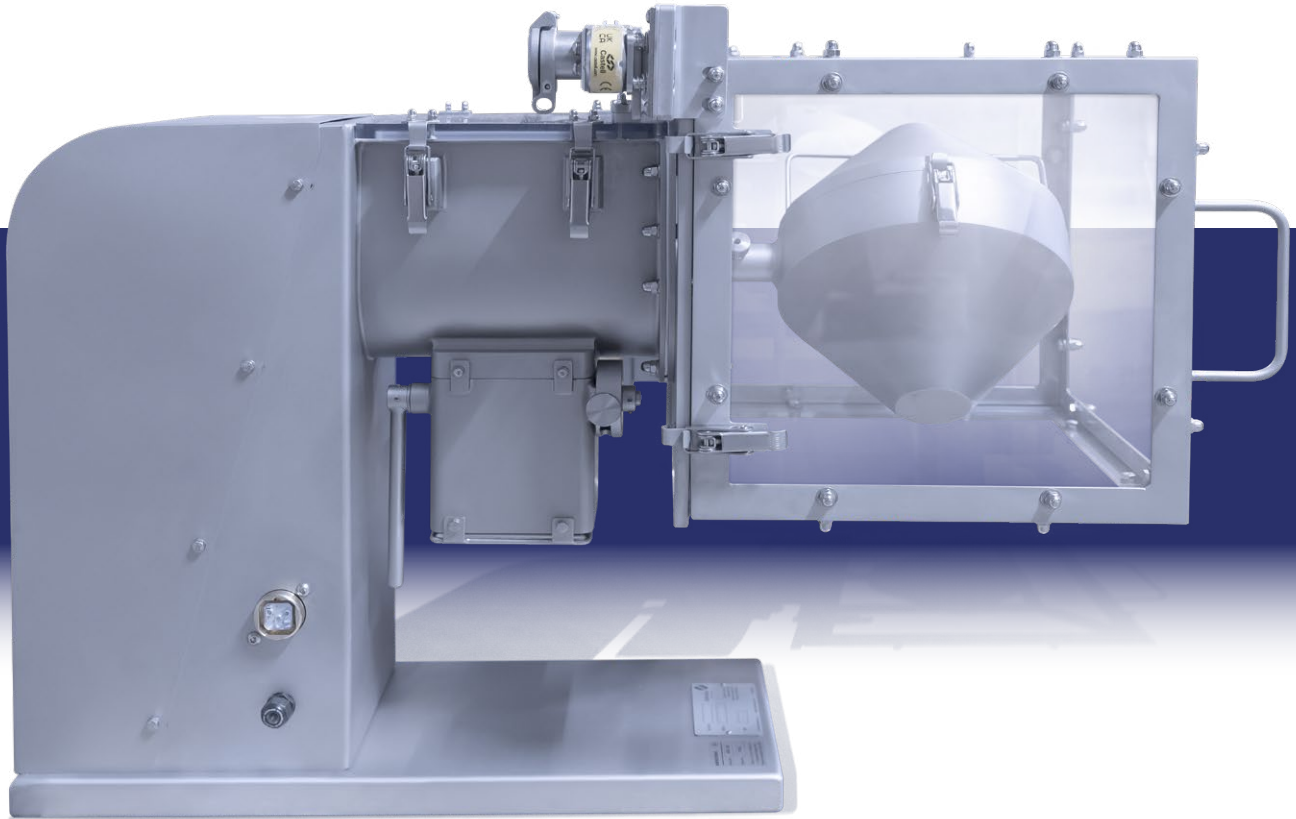


The Armfield Ribbon and Cone Blender is designed to provide gentle, efficient, and repeatable batch mixing of products by way of the slow rotation of an agitator.

**FOUR LITRE MIXING BOWL  
ELECTRICALLY DRIVEN INTERRUPTED HELICAL RIBBON**



AISI 316L for hygienic mixing



Repeatable batch mixing of products

### Features / benefits

- ▶ Manufactured in AISI 316L for hygienic mixing
- ▶ External console for ease of operation
- ▶ Safety castell interlock, protects operators
- ▶ Horizontal double helix agitator provides gentle mixing
- ▶ Motor speed control from 10 - 250 RPM for optimum mixing control
- ▶ Equipment dimensions allow for accurate scale up
- ▶ Bench top unit

## Description

The equipment comprises a 3.2-litre stainless steel batch mixing vessel equipped with an electrically driven double helical ribbon agitator.

The speed of the ribbon blender may be varied and measured in order to study the effect of speed on the mixing process.

At the opposite end of the drive shaft to the motor, a double-cone mixer may be mounted in order to study the operation of an alternative type of mixing unit.

The equipment is bench mounted.

An Operating Console is included displaying current drawn by the motor, motor start/stop and motor speed control.

## Requirements

## Scale



► Electricity supply:

FT5-A: 220-240V / 1ph / 50Hz

FT5-B: 120V / 1ph / 60Hz

FT5-G: 220-240V / 1ph / 60Hz

## Technical specifications

Max batch size	3.2L
Material of construction	Stainless Steel 316L
Discharge control	Lever plug
Interior Finish	180 grit
Geared Motor Unit	150W Shaft Mounted
Motor Output speed	10 to 250 rpm
Agitator Shaft	Double Helix

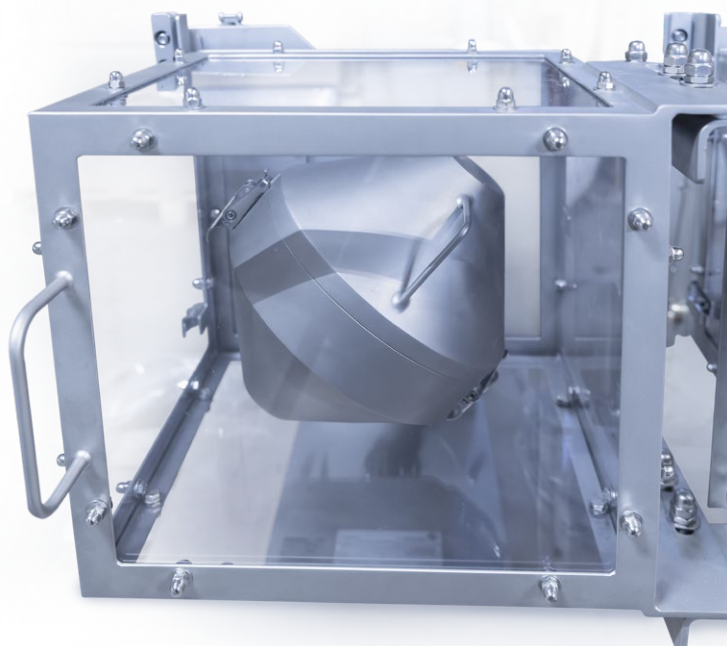
Armfield Ribbon & Cone Blender Control Box



## Applications

- Pharma
- Food
- Agriculture
- Cosmetic
- Spices
- Chemical

Cone mixer



Ribbon blender



## Overall dimensions

Length	0.60m
Width	0.25m
Height	0.30m

## Packed and created shipping specifications

Volume	0.4m <sup>3</sup>
Weight	150kg

## Ordering codes

- FT5-A
- FT5-B
- FT5-G

Armfield standard warranty applies with this product

## Knowledge base

- > 28 years' expertise in research & development technology
- > 50 years' providing engaging engineering teaching equipment

Benefit from our experience, just call or email to discuss your laboratory needs, latest project or application.

An ISO 9001:2015 Company



Products CE certified

[armfield.co.uk](http://armfield.co.uk)

## Aftercare

Installation  
Commissioning  
Training  
Service and maintenance  
Support: [armfieldassist.com](http://armfieldassist.com)