



# FOSS

## Alphatec™ FN<sup>Q</sup>

Grain and flour analysis based on the falling number method



ANALYTICS BEYOND MEASURE

Alphatec™ FN<sup>Q</sup> gives grain receivers and flour millers a safe and modern way of performing the standard falling number test that is used to check sprouting damage in grain and enzyme activity in flour prior to baking, malting etc.

### A safe way to test sprout damage and enzyme activity

Innovative safety features help to avoid potential injury and reduce the risk of burns. A cooling lid minimises the rush of steam when loading samples, an insulated sample bath prevents contact with hot surfaces, while an overflow direct into waste also stops hot water spillage.

### User friendly falling number analysis

Get full control and reduce training costs with a modern, easy to use touch screen allowing rapid, error-free analysis. Other smart usability features are built into the practical design such as the detachable rack and rear connectors.

### A new way to meet industry standard methods

Measure falling number according to industry standard methods. As part of the extensive FOSS grain portfolio, the Alphatec FN<sup>Q</sup> offers a modern alternative to existing solutions backed by a unique level of customer support for smooth and uninterrupted analytical operations.

### Sample type

Wheat, rye, barley, sorghum, flour and any samples requiring falling number analysis in compliance with international standards.

### Parameters

Weather damage and alpha-amylase and related enzyme activity and starch properties in grain and flour.

### Technology

Falling number analysis

Meets requirements of AACCI/ICC/ISO methods

# Specifications

Feature	Specification
<b>Alphatec FN<sup>®</sup></b>	
Dimensions (w x h x d)	350 x 507 x 260 mm
Weight	18 kg
Power requirements	200-240 VAC 50-60 Hz or 100-120 VAC 50-60 Hz
Water supply	Connect to water tap or FOSS Cooler unit >0.4 L/min, <30 °C, <0.5 MPa
Altitude	Up to 3000 m
Temperature	Indoor use, 5 - 40 °C
<b>Alphatec Cooler</b>	
Dimensions (w x h x d)	360 x 370 x 260 mm
Weight	6 kg
Power requirements	100-240 VAC 50-60 Hz
Altitude	Up to 3000 m
Temperature	Indoor use, 5 - 40 °C
Water recirculation capacity	0.4 L/min

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