



JEFFCO CFA01 Cane Fibre Analyser

Fibre analyser for Sugar Cane

The JEFFCO CFA01 Cane Fibre Analyser removes all sugars and moisture from a sample of shredded sugarcane so that fibre content can be accurately and reliably determined. Fast Dry technology removes all moisture without damage to the sample. Automated washing of the sample completely removes all sugars. All fibre components are captured without loss. The entire process is automated using single touch operation. The CFA01 is industrially designed for robust long life and to minimise downtime in harsh environments like sugar factories and biomass facilities.



JEFFCO CFA01

- * Accurate and reliable fibre analysis in sugarcane
- * Innovative Fast Dry technology removes all moisture
- * Automated removal of all sugars
- * Retains all fibre components – no fibre losses
- * Industrial design, rugged reliability
- * Repeatability 0.29 units fibre
- * Easy to operate – Single touch operation
- * Innovative SRI sample can technology
- * Remote access monitoring and diagnostics capabilities
- * Universal power supply
3 phase 380 to 460v AC 50-60 Hz
- * Designed and manufactured in Australia
- * Tested and validated by SRI Australia

The JEFFCO CFA01 removes all sugars and moisture from a sample of shredded sugarcane whilst retaining all fibre components within the SRI sample can. Tested and validated by Sugar Research Institute of Australia (SRI) across several sugar factories the results can be used for payment determination as part of a sugarcane quality program. It supports the development and validation of accurate NIR fibre calibration based analytical systems such as the Jeffco InfraCana so that

every truck entering a factory can be analysed and paid based on quality. Useful for fibre determination of biomass and bagasse destined for green energy and factory fuel facilities, for calculation of sugar losses, for quality determination of trash, leaf and similar biomass streams and fast approximate moisture measurement of crystal sugars and bagasse. We recommend using the JEFFCO CG Cutter Grinder for high quality sample preparation.



CFA01 Control Bench with sample cans



Washed and dried sample

SPECIFICATIONS

* Construction:

Stainless steel
Galvanised steel frame
Easy access for maintenance

* Electrical Supply:

AC Supply: 380 to 460 Volts, no neutral, 3 phase
Frequency: 50 or 60 Hz
Current: 20A

* Air supply:

Clean dry oil free 20m³/h at 200kpa

* Water supply:

Cold - >150kPa, 10-50C, >10 l.m
Hot - >150kPa, 55-65C, >8 l.m

* Safety Systems:

High pressure and high temperature safety sensors
E-stop safety switch

* Remote

WIFI or network connectivity

* Sample Containers:

Stainless steel with safety Cool Touch handle

* Automation

Time or event based operation
Single touch operation
Industrial touch screen

* Warranty:

One (1) year international

* Optional:

Hot water service
Mirrored status screen

* Machine Dimensions:

Dimensions:
141H by 91W by 72D (cm)
Weight: 235 kg

* Shipping Dimensions:

Dimensions:
150H by 100W by 80D (cm)
Weight: 250 kg

Distributed by:



Our Australian Manufacturing Plant

Proudly designed and manufactured in Australia by:

JEFFRESS Engineering Pty Ltd

ABN 42 009 668 562

414B Churchill Rd
(PO Box 163)
Kilburn SA 5084
AUSTRALIA

Phone (+61) 8 8262 8311
E-mail sales@jeffress.com.au
Internet www.jeffress.com.au

Data Sheet: CFA01 1/2021
Due to our program of constant improvements, all specifications are subject to change without notice.

Specifications are subject to change without notice