

FIWE

Semi-automatic Fiber Analyzers

Crude and Detergent Fiber Determination
according to Official Methods.

velp[®]

Driven by curiosity



Reliable and Convenient

The FIWE is the semi automatic fiber extractor that uses pre-heated reagents for fiber analysis according to Weende, Van Soest and other official methods.

- Total raw fiber extraction using Weende technique
- Neutral & acid detergent fiber with NDF, ADF, Van Soest extractions
- Acid detergent lignin extraction with ADL & Van Soest methods
- Reagent preheating on RC 2 hotplate (included)
- Same crucibles used for weighing, drying & washing – no loss of fiber ensured
- High reproducibility
- Back-pressure pump prevents clogging of crucibles



Instrument - Codes

FIWE 3	230 V / 50 Hz	SA30520201
FIWE 3	230 V / 60 Hz	SA30530201
FIWE 3	115 V / 60 Hz	SA30540201
FIWE 6	230 V / 50 Hz	SA30520200
FIWE 6	230 V / 60 Hz	SA30530200
FIWE 6	115 V / 60 Hz	SA30540200

Technical Data

	FIWE 3	FIWE 6
Construction material	Epoxy painted stainless steel structure	Epoxy painted stainless steel structure
Type of extractions	Cold and hot extractions	Cold and hot extractions
Number of samples	3 positions	6 positions
Sample	Individually processed	Individually processed
Sample quantity	From 0,5 to 3 g	From 0,5 to 3 g
Reproducibility (RSD)	± 1%	± 1%
Sample removal	Air pump	Air pump
Reagent discharge	Peristaltic pump	Peristaltic pump
Digital timer	0 - 99 minutes with acoustic signal at the end	0 - 99 minutes with acoustic signal at the end
Temperature	Electronic regulation	Electronic regulation
Reagents and cooling water	Separated outlets	Separated outlets
Power	900 W	1200 W
Weight	35 Kg (77 lb)	40 Kg (101.2 lb)
Dimensions (WxHxD)	530x620x390 mm (20.9x24.4x15.4 in)	760x620x390 mm (29.5x24.4x15.4 in)
Applications	Raw fiber (Weende, Wijkstra) Neutral or acid detergent treatment fiber (Van Soest) Lignin, Cellulose, Hemicellulose	Raw fiber (Weende, Wijkstra) Neutral or acid detergent treatment fiber (Van Soest) Lignin, Cellulose, Hemicellulose



Headquarters
Velp Scientifica Srl
Via Stazione 16
20865 Usmate (MB)
Italia
T +39 039 628811
velpitalia@velp.com

LATAM
velplatam@velp.com

USA
Velp Scientific Inc
40, Burt Drive, Unit #1,
Deer Park
NY 11729 - U.S.
T +1 631 573 6002
velpusa@velp.com

SEA & Pacific
velpsea@velp.com

China
Velp China Co. Ltd.
Room 828, Building 1,
778 Jinji Road, Pudong,
Shanghai, China
Tel. +8621 34500630
velpchina@velp.com

India
Velp India Pvt. Ltd.
Office 323-324, Building 2
Raheja Tesla, MIDC, Turbhe,
400705, Navi Mumbai, India
velpindia@velp.com

Velp Official Partner

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