

## Raw fiber extractors

### FIWE 6

There are several analytical methods use for the determination of raw fiber (or its components) in food and feed sectors. Among them, Weende Method and the AOAC method for determination of total raw fiber, and furthermore Van Soest methods for Ndf (neutral detergent fiber) and Adf (Acid detergent fiber). Finally the methods to determine the single components of the fiber (cellulose, lignin,..).

VELP Scientifica has developed the extraction unit FIWE 6 with 6 places, a flexible solution able to satisfy all above mentioned analytical needs. This instrument is able to optimize the operator's manuality, to drastically reduce the analysis time, by assuring absolutely reliable results. FIWE unit allows to perform the analysis in the operational standardized conditions requested by the official methods.



#### Technical data:

##### GENERAL FEATURES

Construction material:	epoxy painted stainless steel structure
Number of samples:	6
Digital Timer:	0 - 99 minutes with acoustic signal at the end of the cycle
Type of extractions:	cold and hot extractions
Sample removal:	air pump
Reagent discharge:	peristaltic pump
Temperature:	electronic regulation
Reagents and cooling water:	separated outlets
Samples:	individually processed
Power:	1200 W
Power supply:	115 V or 230 V / 50-60 Hz
Weight:	46 Kg (101.2 lb)
Dimensioni (WxHxD):	760X620X390 mm (29.5x24.4x15.4 in)

##### PERFORMANCES

Sample quantity:	from 0,5 to 3 g
Reproducibility (RSD):	± 1%

## APPLICATIONS

Raw fiber (Weende, Wjstrom)

Neutral or acid detergent treatment fiber (Van Soest)

Lignin, Cellulose, Hemicellulose

### Complete of :



Heat shield



PVC tube



Glass crucible  
P2 6pcs/box



2 places hot  
plate, type RC2



Reagent glass  
bottles



Pincer for  
crucibles



Holder for six  
crucibles



Inlet tube

### Optional Accessories:



Water spray  
device



Glass crucible  
P2 6pcs/box

Distributor:  
MEZOS, spol. s r. o.  
Třída Edvarda Beneše 573  
500 12 Hradec Králové, Czech Republic  
tel. / fax.: (+420) 491 424 788  
e-mail: [mezos@mezos.cz](mailto:mezos@mezos.cz), [www.mezos.cz](http://www.mezos.cz)