

FLOCCULATORS

JLT 4 AND JLT 6

FLOCCULATORS

VELP Scientifica has developed a complete line of instruments to support the lab technician working in the environmental sector and for the separation of pollutants in waste-water treatment plants in particular.

JAR TEST

The choice and dosage of the chemical coagulant to be adopted for removing suspended solids from waste-water are established based on an evaluation of the results obtained from the Jar Test. Multiple stirrers with reproducible stirring speeds ensure repeatable and reliable results.

LEACHING TEST

This is a test on solid wastes to be sent to the dump that uses diluted acetic acid or carbon dioxide-saturated water to detect the presence of toxic heavy metals.

The **JLT 4** and **JLT 6** are multiple stirrers with **reproducible stirring speeds** allowing standard conditions to be met during analysis, a basic requirement in order to obtain **reliable and repeatable results**.

The highly **versatile** stainless steel stirring shafts offer height adjustment and are fitted with a self-locking device with clutch.

The sample can be **backlit** for **easier reading**.

The instrument has an **ergonomic design** and the control panel is sloped to facilitate **parameter settings** and readings. The rotation speed can be set from 10 to 300 rpm, with 1 rpm intervals, the time remaining can be set in hours or minutes.

UK, AU and USA adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
JLT 4	100÷240 V / 50-60 Hz	F105A0108
JLT 6	100÷240 V / 50-60 Hz	F105A0109



FP4

The **FP4** is the **portable flocculator** that can be connected to a battery or a car cigarette lighter.

The anti-skid base ensures **stability** whilst the highly versatile stainless steel stirring shafts offer height adjustment and are fitted with a self-locking device with clutch.

The FP4 is particularly suitable for carrying out on-site Jar Tests.

The **carrying case**, an optional accessory, is ideal for storing or transporting the unit.

UK, AU and USA adapter plugs are available on request.



INSTRUMENT	POWER SUPPLY	CODE No
FP4	100÷240 V / 50-60Hz	F105A0117

FC4S AND FC6S



The **FC4S** and **FC6S** are **highly resistant** to chemical and mechanical aggression and corrosion.
The highly versatile stainless steel stirring shafts offer height adjustment and are fitted with a self-locking device with clutch.
The sample can be **backlit** for **easier reading**.
Motion is transmitted by four (in the case of the FC4S) or six (in the case of the FC6S) direct current gear motors in order to ensure **optimum performance** and **reproducibility** even at low speeds.
With 9 different speed settings for each position the instrument is **totally flexible**; the stirring speed can be set using the selectors on the front panel (10-15-30-45-60-90-120-150-200-300 rpm).

UK, AU and USA adapter plugs are available on request.

INSTRUMENT	POWER SUPPLY	CODE No
FC4S	100÷240 V / 50-60 Hz	F105A0111
FC6S	100÷240 V / 50-60 Hz	F105A0112



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GENERAL FEATURES AND PERFORMANCE

	JLT 4	JLT 6	FC4S	FC6S	FP4
NUMBER OF POSITIONS	4	6	4	6	4 (portable)
INDEPENDENT POSITIONS			●	●	
SPEED SETTINGS rpm	from 10 to 300	from 10 to 300	10-15-30-45-60-90-120-150-200-300	10-15-30-45-60-90-120-150-200-300	20-40-50-100-200
TIME SETTINGS	0÷999 min 0÷99 hours continuous	0÷999 min 0÷99 hours continuous	- - continuous	- - continuous	0÷30 min - continuous
LIGHT	disconnectable backlight	disconnectable backlight	disconnectable backlight	disconnectable backlight	disconnectable central light
DIMENSIONS (WxHxD) mm	645x347x260	935x347x260	645x347x260	935x347x260	250x320x250
(in)	(25.4x13.7x10.2)	(36.8x13.7x10.2)	(25.4x13.7x10.2)	(36.8x13.7x10.2)	(9.8x12.6x9.8)
WEIGHT Kg (lb)	13 (28.6)	17 (37.4)	12.5 (27.5)	18 (39.6)	4.8 (10.6)
POWER SUPPLY	100÷240 V	100÷240 V	100÷240 V	100÷240 V	100÷240 V
POWER	11 W	19 W	18 W	23 W	6 W

JLT 4, JLT 6, FP4, FC4S, FC6S ACCESSORIES

INTERCHANGEABLE PLUGS	CODE No
JLT 4/JLT 6/FC4S/FC6S US plug	10003722
JLT 4/JLT 6/FC4S/FC6S UK plug	10003723
JLT 4/JLT 6/FC4S/FC6S Australian plug	10003724
FP4 US plug	10003083
FP4 UK plug	10003084
FP4 US Australian plug	10003085

OPTIONAL ACCESSORIES	CODE No
Plastic beaker, 1000 ml	A00001000
Glass beaker, 1000 ml	A00001001
Transparent plastic Imhoff cone	A00001002 *
Graduated glass Imhoff cone	A00001003 *
Stand for 2 Imhoff cones	A00001004 *
FP4 Carrying case	A00001005
IQ/OQ Manual JLT	A00000319
IQ/OQ FC4S - FC6S Manual	A00000379

* only for JLT 4, JLT 6, FC4S and FC6S