

## OTAL hand pump



### > Models 1

- > For containers with 30 to 70 mm Ø openings
- > PP delivery tubes
- > Resistant to acids and bases
- > Resistant to detergents

### > Model 2

- > For containers with 30 to 70 mm Ø openings
- > PVDF delivery tubes
- > Resistant to weakly oxidizing acids and bases
- > Bleach resistant
- > Better chemical resistance than PP

### > Model 3

- > For containers with 30 to 70 mm Ø openings
- > Stainless steel delivery tube
- > For hardly inflammable liquids
- > 2 types of caps: PVC and LDPE

### > Model 4

- > For containers with 30 to 70 mm Ø openings
- > With hose and tap
- > PP/PE tap
- > PVC discharge hose
- > Suitable for filling distant containers

### > Model 5

- > With universal cap for Ø 20 - 36 mm necks
- > PP delivery tubes
- > Ideal for containers up to 10 litres

### > Model 6

- > With tube locking valve
- > With tip for precise transfer

Model	OTAL PP hand pump			OTAL PVDF hand pump	OTAL stainless steel hand pump	OTAL hand pump with hose and tap	OTAL PP mini pump
	Model 1	Model 1	Model 1	Model 2	Model 3	Model 4	Model 5
Flow rate (l/min)	14	20	26	20	26	12	4
Ø of tube (mm)	12	15	18	16	18	10	10
Material conveying tube	PP	PP	PP	PVDF	V2A	PP/PVC	PP
Immersion depth (cm)	70	70	70	70	90	70	45
Cat. No.	670802	670801	670800	670803	670804	670805	670806
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

## Manual vacuum pump



Manual pump to create vacuum by suction.

Supplied complete with:

- vacuum gauge calibrated in inches and cm Hg;
- 1 PVC pipe 60 cm, internal diameter 6.3 mm (1/4").

### > Light

- > Easy to use
- > Performing
- > In PVC or aluminium
- > With or without vacuum gauge
- > Removable pump allows for parts replacement with the service kit
- > Transfer of liquid samples
- > Filtration under vacuum or pressure
- > Vacuum desiccator
- > Maximum obtainable vacuum: 0.84 bar (635 mm Hg)

Capacity	15 cm <sup>3</sup> /impulsion	36 cm <sup>3</sup> /impulsion
PVC pump without gauge		
Cat. No.	029338	029339
€	N/A -	N/A -
Removable PVC pump with gauge		
Cat. No.	029342	029343
€	N/A -	N/A -
Removable aluminium pump with gauge		
Cat. No.	029344	-
€	N/A -	-