



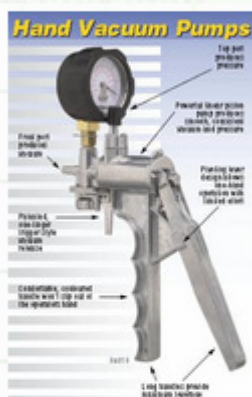
Glass Filtration Equipment	Syringe Pump + Barrel heater	<div> <div>  </div> <div> Syringe <small>(Ctrl F)</small> <small>> Cat.#s</small> </div> </div>
Oils (???) : Thin Oils or Aqueous-based	Oils : 60ccSyringe 0.45um SF Syringe Heater @ 55degC	<div> <div>  </div> <div> > Current System <small>AUD Prices</small> </div> </div>
Motorised pump run continuously 0.45um 1ml/min Use internal collection Test Tube	0.45um 25mm > 5ml/min New 33mm SFs 1.75x faster 8cc/min Heat to 55degC 2x faster 16cc/Min	Thin Oils or Solvents/Aqueous See Double CheckValve (can be problematic with sticky oils ???)

Filtration Equipment



Hand VAC Pump

- OK for quick filtration
 - a leak-free system is necessary
 - can be a bit tedious
- 250mm Vac
but 350 typical
observed



OR ?

Vac-U-Fill

250mmHG
0.2um / 0.45um
47mmMembrane
1ml/min
90mlDiam 500ml

Oils : some tend to soften polystyrene containers
- can crack or tend to "implode"/squash under Vac



preferred for aqueous based mixes, more polar solvents

Syringe Pump + Barrel heater

Oils : 60ccSyringe 0.45um SF
Syringe Heater @ 55degC

0.45um 25mm > 5ml/min
New 33mm SFs 1.75x faster 8cc/min
Heat to 55degC 2x faster 16cc/Min



Breakthrough! PRICING! *Syringe Barrel Heater*



**for OILS
the BEST
Filtration Answer**
for speed thru'put

Olive Oil; Canola, Palm oil,
Cottonseed
- all approx the same viscosity
at 25degC 40-60cps at 25C
20-25cps at 55C

PVDF preferred for "polyester" Oils

multi-Layer SF and pre-filters help preserve main and can improve flow

Svringe



(Ctrl F)
> Cat.#s

> Current System AUD Prices

Thin Oils or Solvents/Aqueous

See Double Check Valve (can be problematic with sticky oils ???)



for auto-filling from sample reservoir - fast for thin low viscosity liquids



for thin aqueous Solutions

- Syringe Filter on Outlet of BTB
- Auto-filling
- extra pressure can be applied by palm of hand to increase speed
- with CARE as device is more delicate

Syringe Dispensing



DCV125 (-001)
Double Check Valve

Cracking
Pressure
2-5psi

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