



1. 2 x five-foot hoses – for condenser water.
2. Biomass flask (Pyrex®; 2-litre) – to house herb material for distillation.
3. Still head (Pyrex®; with built-in thermometer holder - 3A-C).
4. 'West' condenser (Pyrex®; with spherical joint).
5. Water pump – to circulate iced water through condenser.
6. Collection flask (Pyrex®; 500ml) – to collect distillate water produced.
7. 2 x 'Keck' clips – (red and green) to secure ground glass joints together.
8. Specially-designed receiver / separatory funnel (Pyrex®; 20ml; with Teflon® valve).
9. Stopper for side arm of boiling flask (Pyrex®).
10. Boiling flask (Pyrex®; 2-litre; with side arm).
11. Hydro-distillation tube (Pyrex®; 300ml).
12. Apparatus support rod – to secure apparatus.
13. 2 x laboratory clamps – to secure apparatus.
14. Steel-mesh screen filter – to secure herb material in biomass flask.

15. A vial of boiling chips – to stop 'bumping' when boiling water.
16. 3 x packets of silicone joint grease.
17. Hotplate (1,100 Watt with built-in support-rod holder).
18. Metal heat shield with two securing screws (18A) – to protect essential oil collected from excess exposure to heat.
19. Wire-screen ceramic heat dissipater – to allow even heat transference to boiling flask.