

ASP-1000 Protocol Listing: Hua protocol

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- 0) LED Color - Red
- 1) Home Stage
- 2) Home Pump
- 3) Valve In
- 4) Aspirate viscosity 15 vol 500 ul hold 0.000 s
- 5) Valve Out
- 6) Load/Unload
- 7) Dialog Popup: Attach capsule to shaft and the press "Enter".
- 8) Select Plate 1 Row 12 z=65.000 mm
- 9) Select Macro File: BlowOut.txt
- 10) Rinse in buffer M-A-D Plate 1 Row 12 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 11) Select Macro File: BlowOut.txt
- 12) Rinse in buffer M-A-D Plate 1 Row 11 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 13) Rinse in buffer M-A-D Plate 1 Row 10 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 14) Select Macro File: BlowOut.txt
- 15) OsO4 in buffer M-A-D Plate 2 Row 1 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 16) Potassium ferricyanide M-A-D Plate 2 Row 2 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 17) Select Macro File: BlowOut.txt
- 18) Rinse in water M-A-D Plate 2 Row 4 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 19) Rinse in water M-A-D Plate 2 Row 5 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 20) Rinse in water M-A-D Plate 2 Row 6 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 21) TCH M-A-D Plate 3 Row 12 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 22) Select Macro File: BlowOut.txt
- 23) Rinse in water M-A-D Plate 3 Row 10 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 24) Rinse in water M-A-D Plate 3 Row 9 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 25) Rinse in water M-A-D Plate 3 Row 8 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 26) OsO4 in water M-A-D Plate 2 Row 8 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 27) Select Macro File: BlowOut.txt
- 28) Rinse in water M-A-D Plate 2 Row 10 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 29) Rinse in water M-A-D Plate 2 Row 11 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 30) Rinse in water M-A-D Plate 2 Row 12 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 31) Uranyl acetate M-A-D Plate 6 Row 1 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 32) Select Macro File: BlowOut.txt
- 33) Rinse in water M-A-D Plate 6 Row 3 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 34) Rinse in water M-A-D Plate 6 Row 4 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 35) Rinse in water M-A-D Plate 6 Row 5 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 36) Walton's lead M-A-D Plate 4 Row 1 visc. 15 vol 100 ul asp 2.000s disp 0.000s rpt 200
- 37) Select Macro File: BlowOut.txt
- 38) Rinse in water M-A-D Plate 4 Row 3 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 39) Rinse in water M-A-D Plate 4 Row 4 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 40) Rinse in water M-A-D Plate 4 Row 5 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 41) 50% Acetone M-A-D Plate 5 Row 12 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 42) 75% Acetone M-A-D Plate 5 Row 11 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 43) 85% Acetone M-A-D Plate 5 Row 10 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 44) 95% Acetone M-A-D Plate 5 Row 9 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 45) 100% Acetone M-A-D Plate 5 Row 8 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 46) 100% Acetone M-A-D Plate 5 Row 7 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 47) Select Macro File: BlowOut.txt
- 48) 100% Acetone M-A-D Plate 5 Row 6 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100
- 49) 50% Resin M-A-D Plate 5 Row 5 visc. 15 vol 100 ul asp 0.000s disp 0.000s rpt 100

- 50) 75% Resin M-A-D Plate 5 Row 4 visc. 15 vol 100 ul asp 10.000s disp 0.000s rpt 100
- 51) 100% Resin M-A-D Plate 5 Row 3 visc. 15 vol 100 ul asp 10.000s disp 0.000s rpt 100
- 52) 100% Resin M-A-D Plate 5 Row 2 visc. 15 vol 100 ul asp 10.000s disp 0.000s rpt 200
- 53) 100% Resin M-A-D Plate 5 Row 1 visc. 15 vol 100 ul asp 10.000s disp 0.000s rpt 200
- 54) Aspirate viscosity 15 vol 100 ul hold 0.000 s
- 55) Move capsules up Dialog Popup: Press "Enter" to position capsules for removal
- 56) Dispense viscosity 15 vol 100 ul hold 0.000 s
- 57) 100% Resin Select Plate 5 Row 1 z=0.000 mm
- 58) Dialog Popup: Capsules ready for removal, press "Enter" to home stage
- 59) Home Stage
- 60) Home Pump
- 61) LED Color - Blue