FEATURES
- 6 different volumes of liquid can be dispensed into a microtiter plate.
- Fast change of syringe and volume adjustment dial.
- Light weight and slender design permits easy handling without fatigue.
- Syringes and cartridges are autoclavable.
- Accuracy: < ±2.0%

PARTS AND MATERIALS
1. Thumb Knob (Polypropylene)
2. Cap with Dial Number (ABS)
3. Handle (ABS)
4. Piston Lever (Polypropylene)
5. Dispensing Speed Controller
   (Chrome plated brass)
6. Cartridge Holder (ABS)
7. Cartridge A & B
   (Polypropylene)
8. Syringe A & B
   (Polypropylene)
9. Piston A & B
   (Polypropylene & NBR)

OPERATION
1. Insert the syringes into the cartridge firmly. (Fig. 2)
2. Model 8800 may be supplied with the dispensing speed controller slightly
tightly tightened. Loosen the dispensing speed controller, and depress the piston
lever to its lowest position. Mount the syringe cartridge into the cartridge
holder so that the eight piston flanges are securely locked into the piston
holder. Push the cartridge against the cartridge holder. (Fig. 3)
3. Select the desired volume to be dispensed by turning the thumb knob
until the black line on the thumb knob corresponds to the appropriate
dial number molded on the cap. (Fig. 4) A reference table showing the
ial number and dispense volume is affixed on the cartridge holder.
4. Place the nozzle tips of the syringes into the liquid to be dispensed.
Push the piston lever up until it stops so that the syringes are filled with
the liquid. (Fig. 5)
5. Wipe the nozzle of the syringes with a tissue.
6. Depress the thumb knob once to pass the first dispense as waste prior
to using the dispenser. The dispenser will then deliver the number of
dispense in accordance with the reference table. The dispensing speed
controller may be tightened to decrease the dispense speed.
7. If the syringes are only partly filled, the last dispense will deliver an inaccu-
rate amount when the dial number 2 or 3 is selected. It is recommended
to use the dispense with the syringes completely filled with the liquid.
8. Place the syringe nozzle close to and directly above the microtiter plate
wells. Depress the thumb knob to its full stop position. The preselected
volume of the liquid will then be delivered into the wells.
9. After dispensing is complete, the liquid remaining in the syringes can be
ejected by depressing the piston lever downwards.

For repair, service and ordering information please contact your local distributor.