

COOLING SYSTEM AND METHOD FOR THERMAL CYCLER**ABSTRACT**

A cooling system for a thermal cyclor includes an air inlet disposed at a front housing member of the thermal cyclor, an air outlet disposed at a rear housing member of the thermal cyclor, a plurality of air channels formed within the thermal cyclor between the air inlet and the air outlet, and a suction fan mounted adjacent to an air outlet. The suction fan is operable to draw an air flow from the air inlet through the air channels for cooling the thermal cyclor, and to discharge the air flow at the air outlet.

FIG. 2A