

**Instrument**  
PCR Machine

**Model / Number**  
DNA Engine PTC 200G

**Manufacturer**  
BioRad

**Location**  
Life Science 250



**Instrument Description**

10 interchangeable Alpha unit formats designed for easy frequent change. Independently controlled dual blocks for running two protocols simultaneously and gradient capability with 96-well Alpha units. Multizone feedback control algorithms use readings from three sensors within the sample block to adjust up to four separately controlled heating and cooling elements, quickly and effectively bringing the sample block to uniformity without specialized hardware. The four heating and cooling zones optimize temperature profiles for excellent well-to-well temperature uniformity. Excellent temperature accuracy and uniformity, 2 temperature control options: block control or calculated control. Adjustable heated lids that accommodate many vessel types and various sealing options. Lowest programmable temp for gradient is 30°C, highest programmable step 105°C, temperature differential range of 1-24°C.

**User Charges**  
Not applicable

**User Information**

User must have key card access to Life Science 250. User must be trained to use this equipment. The user is responsible for cleaning and performing any per use maintenance, and providing any disposable supplies required for operation. Any damage caused by the user is the responsibility of the user to repair or replace.