



Infra-red heat rays provide soft heating and optimal temperature maintenance

## SUN-LIKE WAY OF HEATING

**✗ A big "NO" to heating blankets, jacketed vessels and thermal circulating baths**

**Why?**

- ✗ Very expensive and voluminous
- ✗ Overheating of the medium
- ✗ Prevents natural cooling and a complementary cooling is required
- ✗ Restricted view into the vessel
- ✗ More heat is dissipated outside the vessel (to your lab) than transmitted into the medium
- ✗ Heat transmission occurs mainly by slow and inefficient thermal conduction

## How infra-red radiation heating is efficient?

Precise temperature control at low cost

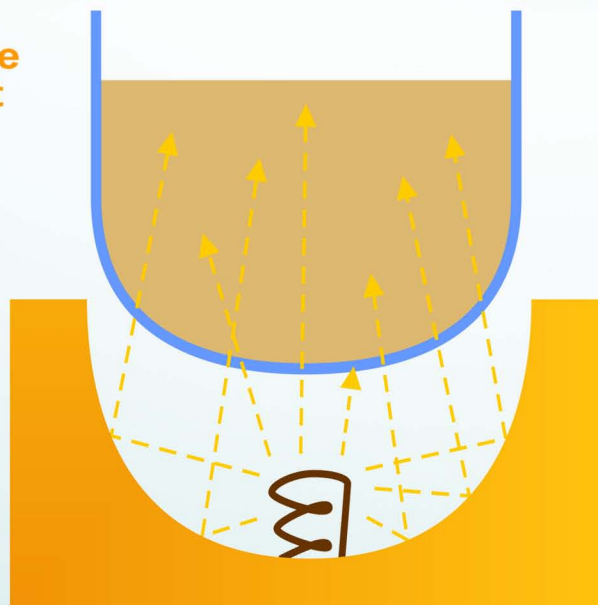
No hot spots at any medium volume

Natural upwards convection even without any agitation

Perfect visibility into the vessels

Imitating soft sun-like way of heating

Heats up and cools down quickly



Convenient & Safe - No cables, tubings, connectors, circulating water supplies