

## Optichrome (EK AMH – 950) and cooling unit (EK AMH – 951)



### Performances

- **Temperature and humidity ranges**

Temperature and humidity can be controlled within a range that allows the operator to define his ideal working conditions with reference to his own work protocol. The operating ranges are specified as follows :

22 °C - 40 °C ( $\pm 0.5^\circ$ )  
30 % - 60 % ( $\pm 2\%$ )

20 °C - 22 °C ( $\pm 0.5^\circ$ )  
35 % - 60 % ( $\pm 2\%$ )

- **Programmability**

The required values are entered on the flat membrane keyboard. The data are read out on a display and they can be stored and recalled by assigning them to one of the nine programs (cycles) from which the operator can choose.

- **Operating capacity**

The instrument is equipped with 4 drawers with independent opening and each of them can accept up to 6 microscope slides or 8 round glass slide. The slides can be mounted and removed from the equipment very easily : the slides are manually positioned inside the drawer; once the evaporation step is completed (this normally requires no more than 5 minutes), they are manually removed, leaving the drawer available for the next sample. The equipment is therefore not limited by any type of work-load and its operating capacity is always compatible with the daily routine work.

- **Flexibility**

It is possible to process slides of various forms (both circular and rectangular) in a way that meets all the analytical requirements of a cytogenetic laboratory (preparations of peripheral blood, bone marrow, amniotic fluid or other tissues).

- **Safety**

The equipment meets all the safety regulations for electrical equipment. CE marked, and manufactured in compliance with European electrical safety standards; the instrument operates at 12 V.

## **General Features**

### **Materials**

- Sheet-steel body, epoxy painted
- Front working surface in stainless steel (AISI 304)
- Plexiglass transparent elements

### **Heating/Cooling**

- Peltier system
- Heat loss through refrigerating liquid

### **Air circulation**

- From the bottom upwards with homogeneous diffusion through the controlled internal space
- Active-charcoal filters placed at inlet/outlet

Dimension (cm)

- 61 x 65,5 x 49 (w x d x h)

### **Weight**

- 40 kg ca.