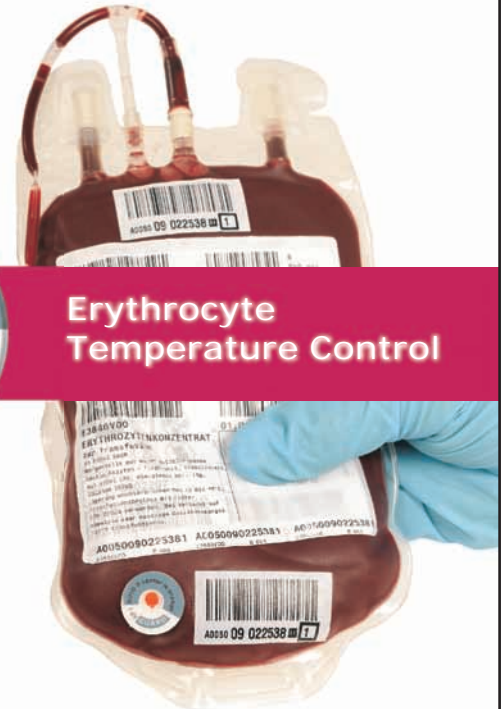


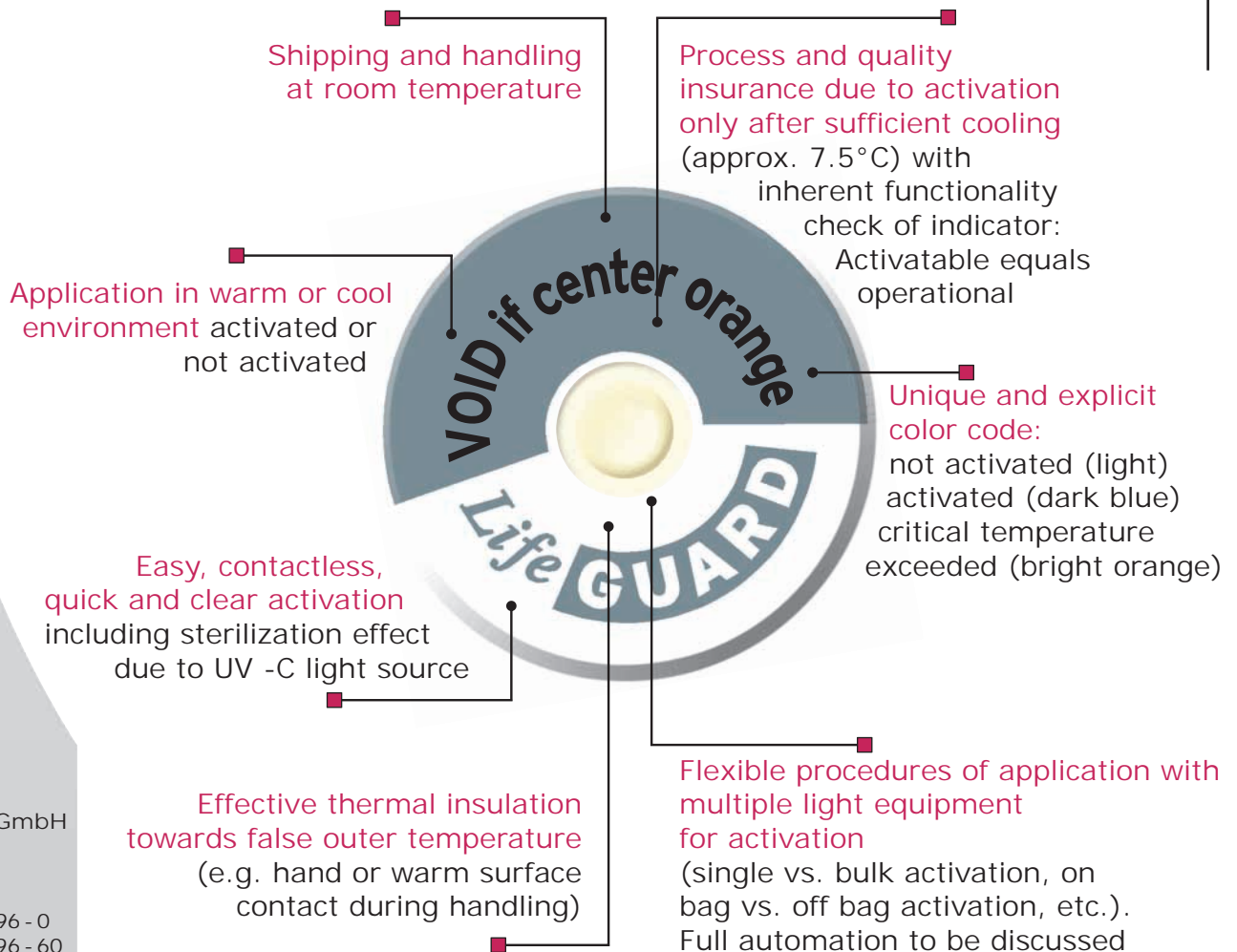
# Life Guard

## Safe Handling – Save Blood



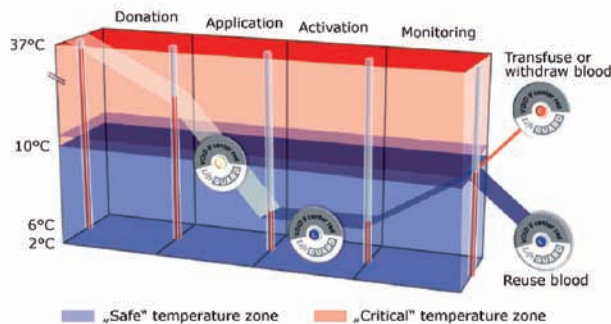
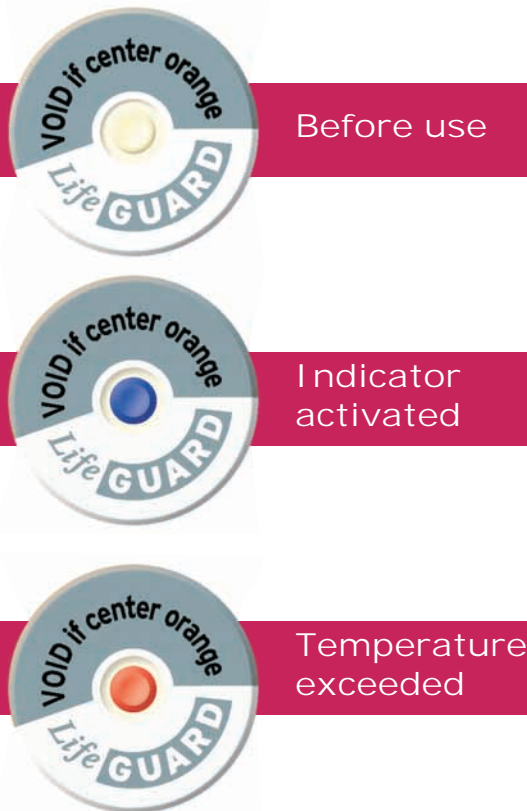
**Erythrocyte  
Temperature Control**

### Features



# Life Guard

## Safe Handling – Save Blood



■ Mobile activation device



■ Stationary activation device

### Application:

Life Guard indicators are best applied directly after whole blood is processed and prepared for storage in cool environment. Application is also possible in cool environment, both in activated or non activated form.

### Activation:

After sufficient cooling, Life Guard indicators can be activated contactless, quickly and clearly by means of a special light source. Indicators offer inherent quality assurance for sufficiently cooled blood (lower than approx.  $7.5^{\circ}\text{C}$ ) and 100% proof of functionality when changing the center of the indicator into dark blue.

### Temperature monitoring:

Once activated, Life Guard indicator continuously monitors temperature abuse of Blood bags with direct mass contact to the blood bag surface and effective thermal insulation against false temperature influence from warm sources during blood bag handling.

### Temperature abuse:

When blood bag core temperature exceeds the critical threshold temperature of  $10^{\circ}\text{C}$ , center of Life Guard indicators irreversibly change color into bright orange to alert user of temperature abuse.

### Blood savings:

Blood bags with Life Guard indicators that do not show abuse of critical threshold temperature can be returned into blood bag life cycle for further use)