

Transparent UV-Protection for Infusion Management

B. Braun UV-protect



IV Therapy

Why do you need light-protection on the ward?



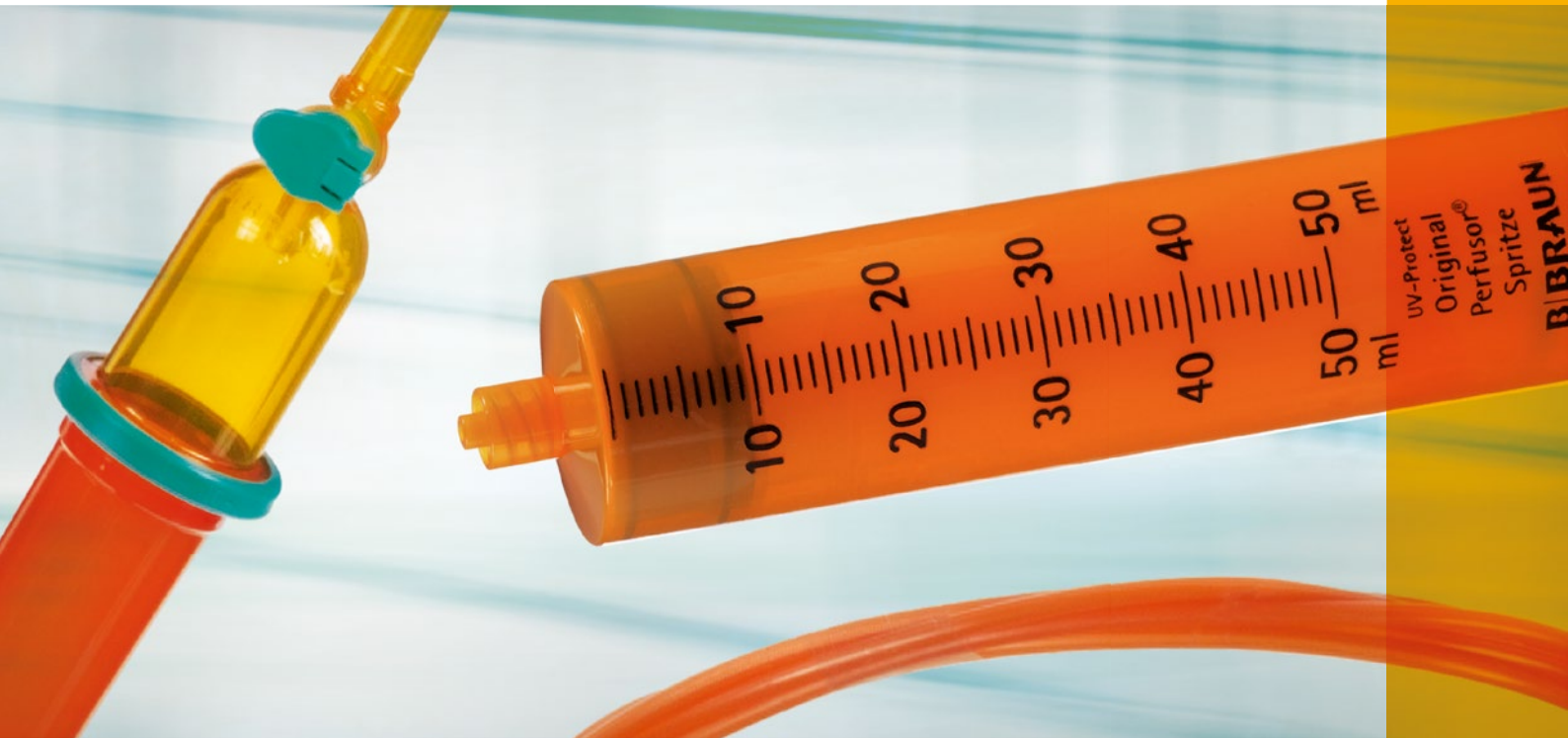
**Are you aware that there are a lot of drugs which have to be protected from light?
Do you know the consequences of not using UV-protected devices for these drugs?**

Certain drugs are degraded when the agents suffer prolonged exposure to light, for example:

- Antiinfectives
- Antineoplastic agents / cytotoxic agents
- Autonomic agents
- Cardiovascular agents
- Central nervous system agents
- Fluids and electrolytes
- Gastrointestinal agents
- Vitamins

If you are not vigilant about light-sensitive drugs, the patient therapy can be affected negatively by photodegradation of ingredients. On the one hand, loss of drug potency cannot be inhibited. The loss of drug potency depends on various factors, such as light sensitivity of the drug, infusion rate, and light intensity. On the other hand, phototoxic substances can be generated during the photodegradation process.

Special precautions for light-sensitive drugs

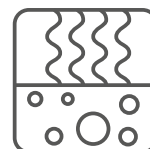


For the application of light-sensitive drugs, B. Braun has offered a range of opaque light-protected devices for years. Now, B. Braun has developed the next generation of light-protected devices for every application route in infusion management. The new generation offers the same reliable light-protection as the opaque devices and the additional user benefit of increased safety. The optimised design made of PVC-free and DEHP-free material is transparent and allows fast and easy detection of air and particles in the infusion regime.

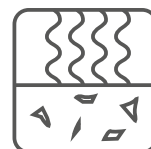
B. Braun offers the complete portfolio for every application in IV therapy. The orange colour coding is characteristic for this portfolio of UV-protected devices.



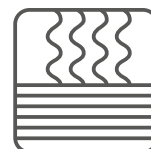
B. Braun UV-protect products ensure



Visibility of air



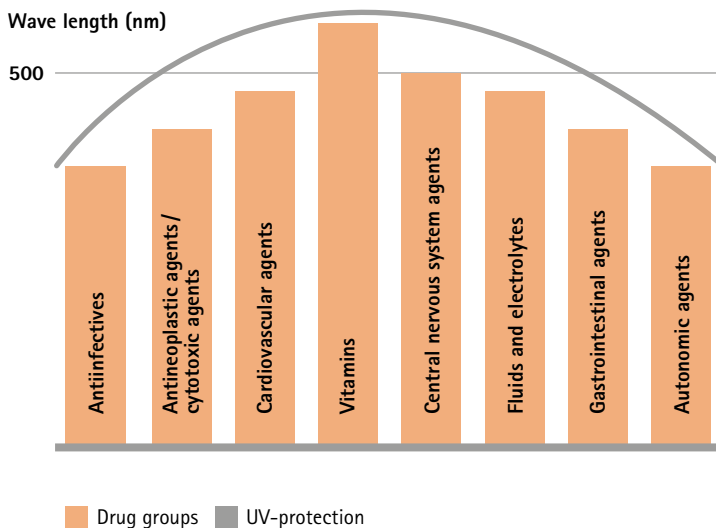
Visibility of particles



Photostability

Always on the safe side with transparent UV-protected products of B. Braun

Drugs that need to be light-protected



Please note the corresponding summaries of product characteristics (SPCs) of the drugs, valid pharmacopoeias and country-specific guidelines.

Drugs that need to be light-protected differ in light-sensitivity. Some drugs, e.g. multivitamins, need protection up to **520 nm** wave length. B. Braun light-protected devices cover the whole spectrum of light-sensitive drugs.



Transparent material

Light-protection up to
520 nm wave length

Characteristic
orange colour coding

PVC- and DEHP-free

User benefits

- All light-sensitive drugs are protected – no exception
- Detection of air and particles possible
- Safety due to completely UV-protected products
- Ready to use! No further handling steps necessary, e. g. wrapping aluminium foil – Saves time and material
- Easier identification of UV-protected devices (orange colour coding)
- Avoids risk of DEHP exposure
- Ecologically friendly due to PVC-free material

B. Braun transparent UV-protect solutions ...

Intrafix® SafeSet and Intrafix® Primeline



Infusomat® Space Line SafeSet



Intrafix®	Sales Unit / Pcs.	Code No. (REF)
Intrafix® Primeline UV-protect	100	0086774R
Intrafix® SafeSet UV-protect	100	4063131

Infusomat® Space Line SafeSet	Sales Unit / Pcs.	Code No. (REF)
Infusomat® Space Line UV-protect	100	8700128SP
Infusomat® Space Line UV-protect with needle-free Y-Port	100	8250438SP

Drugs that require light-protection are used in various hospital wards, such as in the intensive care, intermediate care, or oncology ward for different applications.

B. Braun offers an extensive portfolio of transparent light-protected devices, from admixture tools to gravity and pump administration systems.

All of these products with the characteristic transparent orange colour offer you safety against photodegradation of even the most light-sensitive drugs. In addition, the products are made of PVC-free material. Therefore, they can be used for every application, including drugs that are not compatible with PVC.



► Gravity Systems



► Infusomat® Space



► Perfusor® Space

... for every application

Cyto-Set® Infusomat® Space and Cyto-Set® Mix



CLOSED SYSTEM



Original Perfusor® Syringe and Original Perfusor® Line



Cyto-Set® Infusomat® Space	Sales Unit / Pcs.	Code No. (REF)
Cyto-Set® UV-protect with 3 needle-free valves	20	8250920SP
Cyto-Set® UV-protect with 5 needle-free valves	20	8250820SP
Cyto-Set® Mix	Sales Unit / Pcs.	Code No. (REF)
Cyto-Set® Mix UV-protect with 1 needle-free valve	20	A2906N

Original Perfusor® Syringe	Sales Unit / Pcs.	Code No. (REF)
Original Perfusor® Syringe UV-protect, 50 ml 15 µm filter needle	100	8728861F-06
Original Perfusor® Line	Sales Unit / Pcs.	Code No. (REF)
Original Perfusor® Line UV-protect, 150 cm, PE Tube	100	8723017

