

making a difference



THE GENTLE TOUCH

VACUETTE® EVOPROTECT
SAFETY Blood Collection /
Infusion Set

The Next Evolution of Safety.


greiner
BIO-ONE

VACUETTE® EVOPROTECT
provides for gentle collection
and safety from injury
because we believe
that every needlestick
is one too many.



The potential needlestick injuries are minimized by the activation of the safety mechanism while the needle is still in the vein.

THE NEXT EVOLUTION OF SAFETY

VACUETTE® EVOPROTECT is the next stage in blood collection, specifically designed with the highest level of safety in mind, protecting both phlebotomist and patient while ensuring comfort.

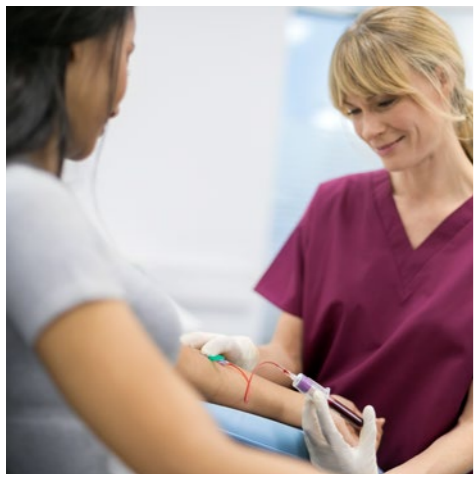
The semi-automatic click mechanism protects the user from the risk of needlestick injuries and the ergonomic design makes the daily task of blood collection easier and more intuitive.

The safety blood collection set was manufactured with the requirements of the European Directive 2010/32/EU - on preventing sharps injuries in the hospital and healthcare sector - in mind, as well as the OSHA Bloodborne Pathogens Standard. This means that this safety device provides substantial support for safe blood collection or infusion with the same product.

USER-FRIENDLY DESIGN

- / Ergonomically designed.
- / Intuitive to use.
- / Winged needle, specially developed for one-handed use.





The VACUETTE® EVOPROTECT is suitable for either blood collection or infusion.

DESIGNED WITH PATIENT COMFORT IN MIND

The ultra sharp, triple bevel needle tip ensures optimal patient comfort. A view window between the needle and the tubing makes blood flow visible, giving an immediate visual indication that vein entry was successful.

The flexible tubing is designed to ensure that the needle stays as still as possible in the vein, minimizing painful movements.

The location of the safety mechanism triggers, on both sides of the device, reduces the risk of the needle jerking in the patient's vein during activation. The needle retraction is activated by pressing two buttons, one on each side of the hub, ensuring stability of the needle in the vein, preventing movement that could cause the patient pain and discomfort.



THE SEMI-AUTOMATIC CLICK MECHANISM

ensures optimal patient comfort with smooth activation via the two side buttons.

STATE-OF-THE-ART DESIGN

ensures optimal patient comfort.

THE GENTLE TOUCH

EXTRA THIN-WALLED NEEDLES

reduce blood collection times compared to regular walled needles whilst remaining comfortable for the patient.

STABLE NEEDLE RETRACTION

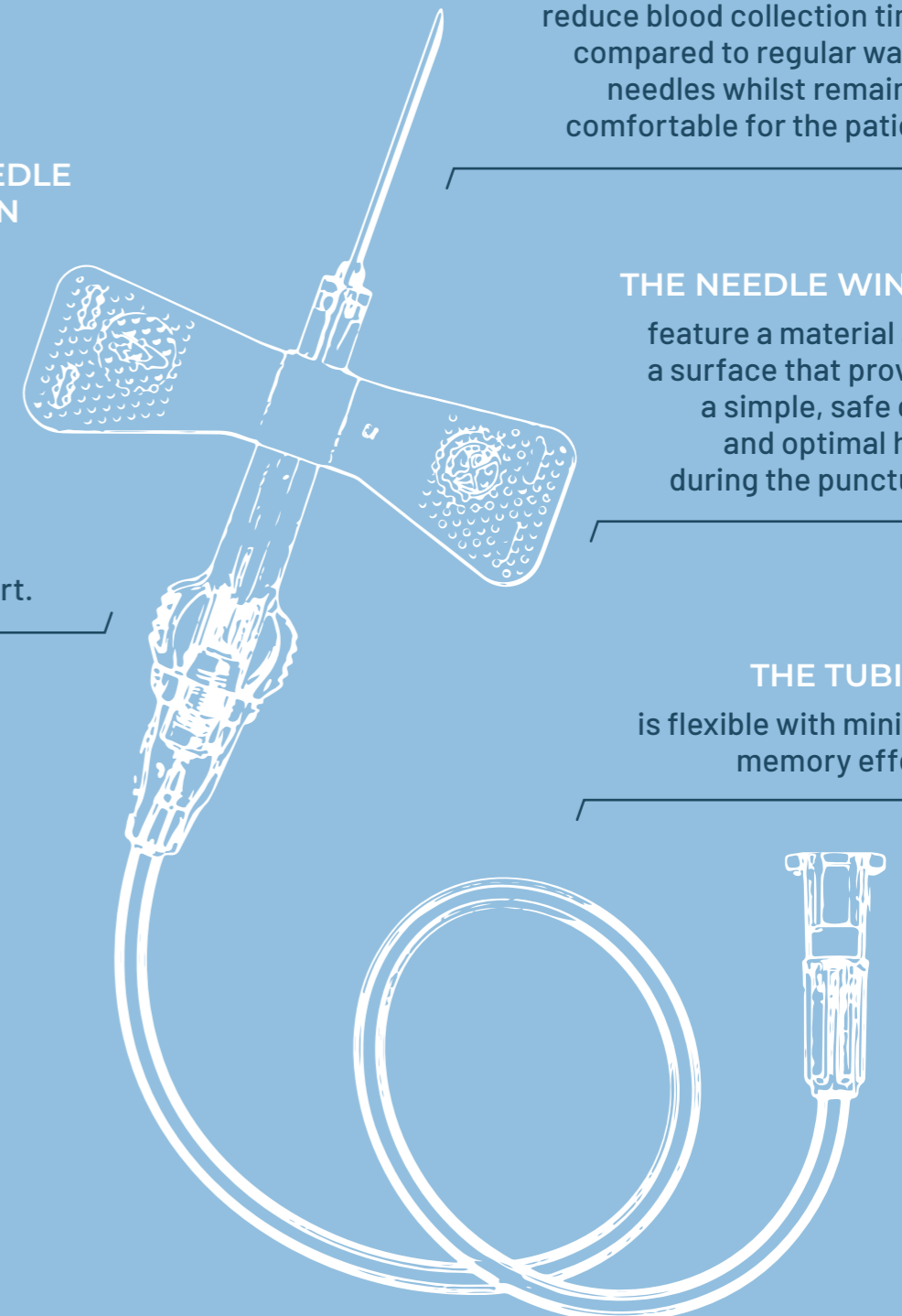
The design of the safety mechanism promotes a straight removal from the vein, contributing to improved patient comfort.

THE NEEDLE WINGS

feature a material and a surface that provide a simple, safe grip and optimal hold during the puncture.

THE TUBING

is flexible with minimal memory effect.



FOR MAXIMUM SAFETY

The VACUETTE® EVOPROTECT SAFETY Blood Collection Set has a semi-automatic safety mechanism, that minimizes the risk of needlesticks and simplifies the blood collection procedure. The safety mechanism is activated while the needle is still in the vein, preventing contaminated needlesticks during needle retraction.

The triggers of the safety mechanism are located on the side of the product, facilitating one-handed activation. The needle is then automatically retracted to become safely and irreversibly enclosed in the safety shield. A clearly audible click confirms that the safety mechanism is successfully activated.

Once the safety shield is activated, the needle is permanently enclosed, reliably preventing contaminated needlestick injuries.



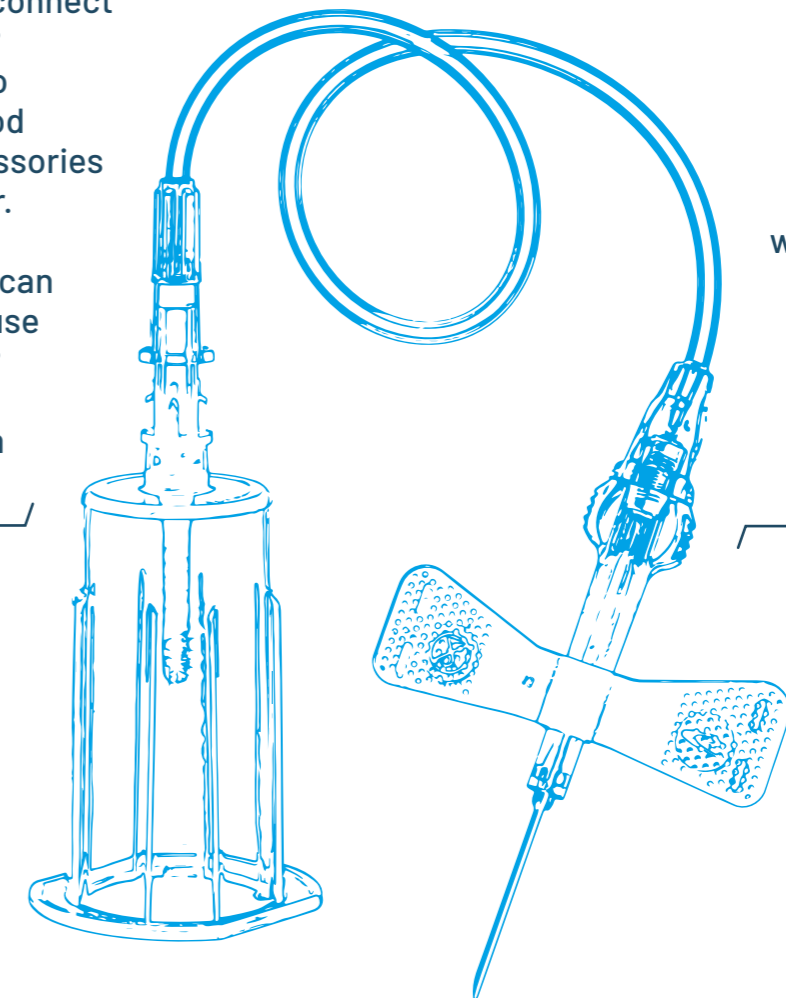
VERSATILE USE

The same device can be used either for taking blood or for a short-term infusion (up to 4 hours).

THE LUER ADAPTER

can be used to connect the VACUETTE® EVOPROTECT to compatible blood collection accessories such as a holder.

Alternatively, it can be removed to use the VACUETTE® EVOPROTECT for a short-term infusion.



THE SAFETY MECHANISM

is activated while the needle is still in the patient's vein, providing the user with a high level of safety.

THE NEEDLE

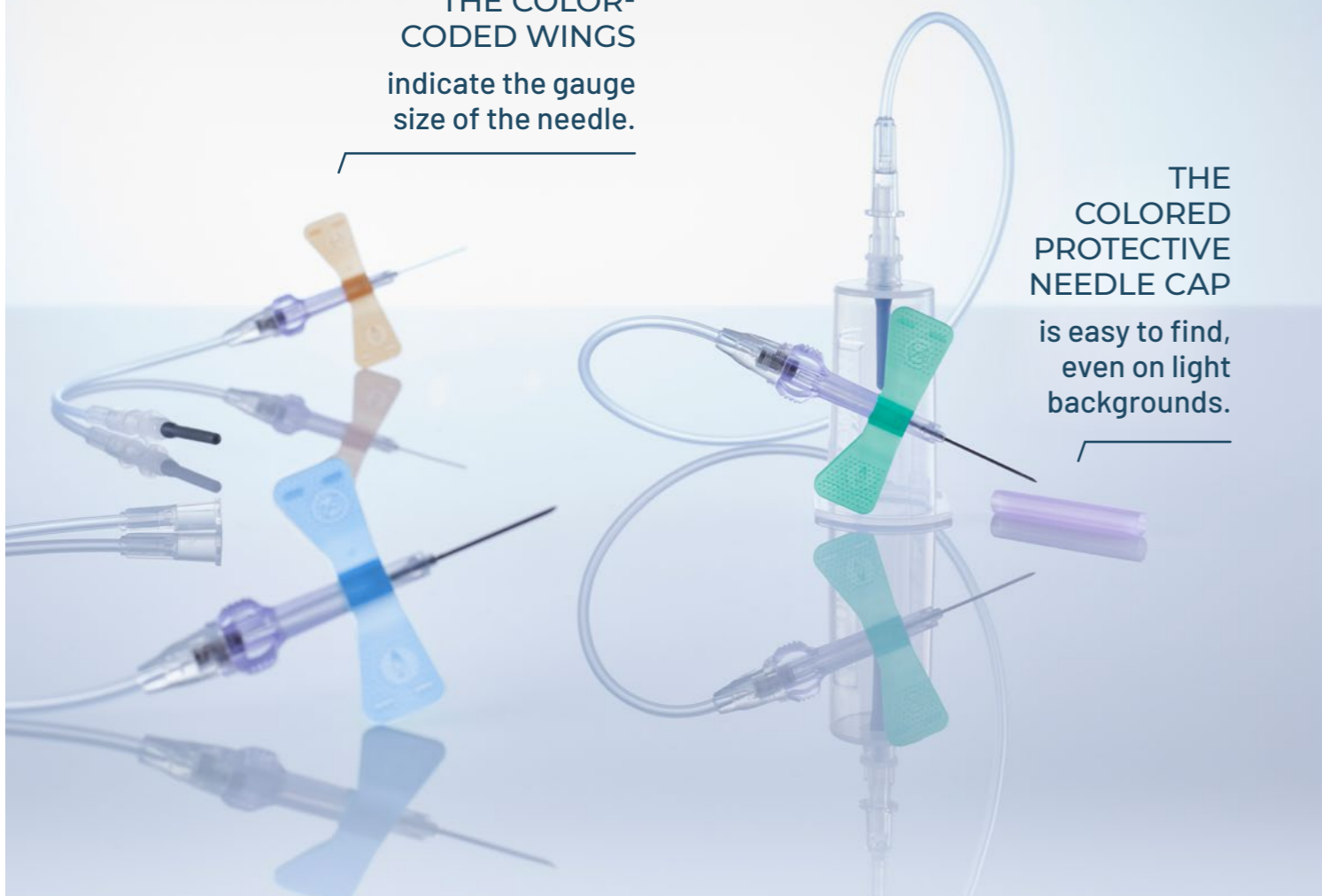
The 21G and 23G needles are extra-thin walled, resulting in a faster flow-rate with a smaller needle diameter. This has a positive effect on the duration of blood collection.

VACUETTE® EVOPROTECT

For increased
safety and improved
usability.

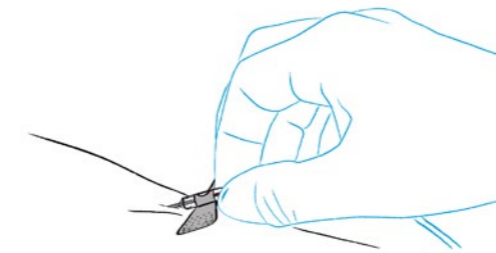
THE COLOR-
CODED WINGS
indicate the gauge
size of the needle.

THE
COLORED
PROTECTIVE
NEEDLE CAP
is easy to find,
even on light
backgrounds.



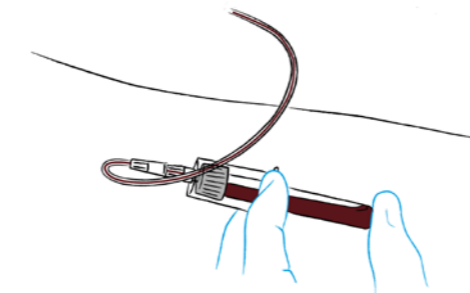
PLEASE
OBSERVE THE
INSTRUCTIONS
FOR USE
at www.gbo.com

RECOMMENDED HANDLING



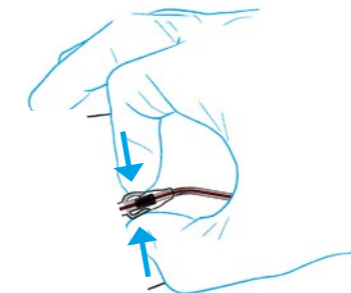
1

Perform venipuncture.
(with patient's arm in downward position)
Flashback will confirm successful
vein entry, depending on the
patient's venous pressure.



2

Collect blood according
to your facility's procedure.
After completion, place gauze
over collection site without
applying pressure.



3

The product is intended for in-vein
activation. With one hand, activate
the safety mechanism by pressing
the blue colored release buttons.
Take care not to hinder the
automatic retraction.



4

The safety mechanism will
automatically slide backwards until
an audible click is heard. The click is
a sign that the safety mechanism has
been correctly activated. Dispose of
device in a sharps container
per facility procedure.



STORAGE

4-25°C
(avoid direct sunlight)



SHELF LIFE

36 months
(from day of production)



PACKAGING

single-packed
and sterile

ADVANTAGES



CHOICE OF APPLICATION

The product can be used for either blood collection or infusion purposes.



ONE-HANDED ACTIVATION

The safety mechanism was specially developed to enable one-handed activation, meaning the other hand remains free for other handling steps.



ERGONOMIC DESIGN

The design and materials of the product are intended for best possible comfort and safety for both user and patient as well as for intuitive application.

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PRODUCT OVERVIEW

VACUETTE® EVOPROTECT SAFETY Blood Collection/Infusion Set

Item no.	Color code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450121	● blue	23 G	19 mm	extra thin wall	7.5"	19 cm	60 / 1,080

VACUETTE® EVOPROTECT SAFETY Blood Collection Set + Luer Adapter

Item no.	Color code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450127	● green	21 G	19 mm	extra thin wall	7.5"	19 cm	60 / 1,080
450128	● green	21 G	19 mm	extra thin wall	12"	30 cm	60 / 1,080
450129	● blue	23 G	19 mm	extra thin wall	7.5"	19 cm	60 / 1,080
450130	● blue	23 G	19 mm	extra thin wall	23"	30 cm	60 / 1,080
450132	● orange	25 G	19 mm	thin wall	12"	30 cm	60 / 1,080

VACUETTE® EVOPROTECT SAFETY Blood Collection Set + Holder

Item no.	Color code	Needle size	Needle length	Needle wall type	Tubing length	Tubing length	Qty. inner / outer
450122	● green	21 G	19 mm	extra thin wall	7.5"	19 cm	30 / 540
450123	● green	21 G	19 mm	extra thin wall	12"	30 cm	30 / 540
450125	● blue	23 G	19 mm	extra thin wall	7.5"	19 cm	30 / 540
450126	● blue	23 G	19 mm	extra thin wall	12"	30 cm	30 / 540

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L1827001R3 en-US [rev.03 07.2025]


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