



**VACUSENCE**  
and  
**VACUSENCE+**  
Blood Collection System

4.  
Blood  
Collection  
Needle

3.  
Blood  
Collection  
Needle  
Holder

2.  
Safety  
Cap

1.  
Blood  
Collection  
Tube



## Vitrex Blood Collection System

New and higher standards in the diagnostic laboratory field require an improved performance of the blood collection system. Vitrex Blood Collection System is the answer.

Vitrex Blood Collection System consists of a full range of products including our Blood Collection Tubes, Needles and Holders, as well as the newly added products: Luer Slip adapter, Luer Slip adapter + holder, Luer Slip adapter + Intravenous needle and Luer Slip adapter + holder + Intravenous needle.

Vitrex offers two different brands of blood collection tubes: Vacusence and Vacusence+. Vacusence tubes are of Turkish origin with a lead time of 8-10 weeks. Vacusence+ tubes are made in Europe with a lead time of 3-4 weeks. Vitrex Blood Collection Tubes are made of unbreakable PET tube, butyl rubber stopper and polyethylene cap. We primarily offer medical paper labelled tubes, but tubes with transparent label or prebarcoded tubes are also available upon request.

Letter Code	Additive
K2E	EDTA Dipotassium Salt
K3E	EDTA Tripotassium Salt
9NC	Trisodium Citrate 9:1
4NC	Trisodium Citrate 4:1
FE	Sodium Fluoride I EDTA
FX	Sodium Fluoride/Potassium Oxalate
LH	Lithium Heparin
NH	Sodium Heparin
CAT	Clot Activator
Z	None



All components of Vitrex Blood Collection System are designed to fulfill the requirements of blood collection procedures, improve patient's comfort, help user's safety and get reliable test results. The latest products in our Blood Collection System range are of corresponding high quality and carefully selected to complete the range.

**USER VERSATILITY:** Series combination blood collection types for customer selection.

**USER CONVENIENCE:** Allows for multiple draws with a single vein puncture.

**EXCELLENT PERFORMANCE:** High quality rubber sleeve has excellent self-sealing performance.

**FLEXIBLE PACKAGING:** Single blister package, single pouch or single PE bag.

Description	Colour Code	Size	Diameter (mm)	Pcs./ Box	Pcs./ Carton	Article No.	Article No. Safety needle
Luer Slip adapter + Intravenous needle	Green ●	21G	0.80 x 19mm	100	2000	VBCS72221	VBCS73221S
Luer Slip adapter + Intravenous needle	Blue ●	23G	0.60 x 19mm	100	2000	VBCS72223 *	VBCS73223S *
Luer Slip adapter + holder + Intravenous needle	Green ●	21G	0.80 x 19mm	50	1000	VBCS82221	VBCS83221S
Luer Slip adapter + holder + Intravenous needle	Blue ●	23G	0.60 x 19mm	50	1000	VBCS82223 *	VBCS83223S *

\* Contact Sales Department for more information.

**Shelf life 5 years**



## Chiravac™ Blood Collection needles

Chiravac Blood Collection needles are made of polypropylene hub and stainless steel tube. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. The needles are intended for blood collection with vacuum tubes. They are individually packed in boxes of 100 pcs, cartons of 1000 pcs. Upon request the needles are also available as safety or invisible version.

**USER CONVENIENCE:** Colour-coded needle hub, screw-on needle hub compatible with all available holders, easy-to-open packaging and thin wall tube material.

**COMFORT:** Grinded, precision lancet point and silicone treated tip for smooth penetration. Comfortable collection experience.

**PATIENT SAFETY:** Single-use only. Sterilised by ETO.

**FDA CLEARED**

### ACCESSORIES

Blood Collection Needle Holders with and without safety function are compatible with our Chiravac Blood Collection Needles and our different Blood Collection Tubes. The holders are packed in PE bags of 50 or 100 pcs.

Colour Code	Size Metric	Size G <sup>1</sup>	Article No.
Blue ●	0.60 x 38 mm	23G x 1 1/2"	CHBCN23112
Black ●	0.70 x 38 mm	22G x 1 1/2"	CHBCN22112
Green ●	0.80 x 38 mm	21G x 1 1/2"	CHBCN21112
Yellow ●	0.90 x 38 mm	20G x 1 1/2"	CHBCN20112
Pink ●	1.20 x 38 mm	18G x 1 1/2"	CHBCN18112
Blue ●	0.60 x 25 mm	23G x 1"	CHBCN23100
Black ●	0.70 x 25 mm	22G x 1"	CHBCN22100
Green ●	0.80 x 25 mm	21G x 1"	CHBCN21100
Yellow ●	0.90 x 25 mm	20G x 1"	CHBCN20100
Pink ●	1.20 x 25 mm	18G x 1"	CHBCN18100

**Shelf life 5 years**

Description	Pcs./Box	Pcs./Carton	Article No.
Blood Collection Needle Holder	100	1,000	CHBCNH01
Blood Collection Needle Safety Holder	50	800	CHBCNHS01

**Shelf life 5 years**



## Vitrex Serum Clot Activator Tubes

Vitrex Serum Clot Activator Tubes are used for clinical chemistry, immunology, protein electrophoresis, serology, microbiology and toxicology. The inner wall of the Serum Clot Activator tube is specially coated with clot activator, which activates the coagulation process.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacuseance+ Article No.	Vacuseance Article No.
Serum CAT/Clot Activator	1	13 x 75	Serum Clot Activator	Paper	101201+ *	101201 *
Serum CAT/Clot Activator	2	13 x 75	Serum Clot Activator	Paper	102202+ *	102202 *
Serum CAT/Clot Activator	3	13 x 75	Serum Clot Activator	Paper	103203+ *	103203 *
Serum CAT/Clot Activator	4	13 x 75	Serum Clot Activator	Paper	104204+ *	104204 *
Serum CAT/Clot Activator	6	13 x 100	Serum Clot Activator	Paper	105206+ **	105206 **
Serum CAT/Clot Activator	9	16 x 100	Serum Clot Activator	Paper	106209+ ***	106209 **
Serum CAT/Clot Activator	10	16 x 100	Serum Clot Activator	Paper	107200+ ***	107200 **

**Shelf life 18 months**

### Vacuseance+



Transit packaging

Pallet

**Packaging:**

Primary packaging: 50/100 pcs.  
 Transit packaging: 800/1,000 pcs.  
 \* Pallet: 54,000 pcs.  
 \*\* Pallet: 48,000 pcs.  
 \*\*\* Pallet: 38,400 pcs.

### Vacuseance



Transit packaging

Pallet

**Packaging:**

Primary packaging: 100 pcs.  
 Transit packaging: 1,200 pcs.  
 \* Pallet: 48,000 pcs.  
 \*\* Pallet: 38,400 pcs.



## Vitrex Serum Gel and Clot Activator Tubes

Vitrex Vacusence Serum Gel and Clot Activator Tubes contain inert gel; during centrifugation, the gel forms a stable barrier between serum and blood cells. The tubes allow to obtain more serum than regular tubes due to the cleaner separation of serum from the clot. The range of application is: clinical chemistry, immunology, protein electrophoresis, serology, microbiology and toxicology.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
Serum Gel and CAT/Clot Activator	2	13 x 75	Serum Gel + Clot Activator	Paper	101302+ *	101302 *
Serum Gel and CAT/Clot Activator	3.5/2.5	13 x 75	Serum Gel + Clot Activator	Paper	102303+ *	102304 *
Serum Gel and CAT/Clot Activator	3.5	13 x 75	Serum Gel + Clot Activator	Paper	103303+ *	103303 *
Serum Gel and CAT/Clot Activator	5	13 x 100	Serum Gel + Clot Activator	Paper	104305+ **	104305 **
Serum Gel and CAT/Clot Activator	8	16 x 100	Serum Gel + Clot Activator	Paper	105308+ ***	105308 **

**Shelf life 18 months**

### Vacusence+



Transit packaging

Pallet

**Packaging:**  
 Primary packaging: 50/100 pcs.  
 Transit packaging: 800/1,000 pcs.  
 \* Pallet: 54,000 pcs.  
 \*\* Pallet: 48,000 pcs.  
 \*\*\* Pallet: 38,400 pcs.

### Vacusence



Transit packaging

Pallet

**Packaging:**  
 Primary packaging: 100 pcs.  
 Transit packaging: 1,200 pcs.  
 \* Pallet: 48,000 pcs.  
 \*\* Pallet: 38,400 pcs.



## Vitrex Coagulation Tubes

Vitrex Coagulation Tubes are used to collect venous blood for coagulation tests. Coagulation Tubes have a buffered sodium citrate solution of 0.109 mol/l (3.2%) or 0.129 mol/l (3.8%). Double Tube technology provides an excellent condition for the test of PT and APTT values. The range of application is: Hemostasis system diagnostics.

### Vacusence+



Transit packaging

Pallet

**Packaging:**

Primary packaging: 100 pcs.  
Transit packaging: 1,000 pcs.  
Pallet: 54,000 pcs.

### Vacusence



Transit packaging

Pallet

**Packaging:**

Primary packaging: 100 pcs.  
Transit packaging: 1,200 pcs.  
Pallet: 48,000 pcs.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
Coagulation 9NC/Sodium Citrate 3.2%	0.9 /1	13 x 75	Sodium Citrate 3.2%(0.109M)	Paper	101801+	101801
Coagulation 9NC/Sodium Citrate 3.2%	1.8	13 x 75	Sodium Citrate 3.2%(0.109M)	Paper	102802+	102802
Coagulation 9NC/Sodium Citrate 3.2%	2.7	13 x 75	Sodium Citrate 3.2%(0.109M)	Paper	103803+	103803

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
Coagulation 9NC/Sodium Citrate 3.8%	0.9 /1	13 x 75	Sodium Citrate 3.8%(0.129M)	Paper	106801+	105801
Coagulation 9NC/Sodium Citrate 3.8%	1.8	13 x 75	Sodium Citrate 3.8%(0.129M)	Paper	106802+	106802
Coagulation 9NC/Sodium Citrate 3.8%	2.7	13 x 75	Sodium Citrate 3.8%(0.129M)	Paper	107803+	107803

**Shelf life 9 months for Vacusence (with double wall)  
Shelf life 9 months / 12 months for Vacusence+ (with double wall)**

Vacusence+ with single wall tubes are available upon request in 16 x 100 mm.



## Vitrex EDTA Tubes

Vitrex EDTA Tubes are used for whole blood analysis within haematology. The range of application is: hematology, PCR analysis, blood typing. K2EDTA and Gel is mainly used for molecular diagnostics. The gel forms a resistant barrier between the cellular components of blood and serum during centrifugation.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusec+ Article No.	Vacusec Article No.
K2E/K2EDTA	1	13 x 75	K2EDTA	Paper	101901+ *	101901 *
K2E/K2EDTA	2	13 x 75	K2EDTA	Paper	102902+ *	102902 *
K2E/K2EDTA	3	13 x 75	K2EDTA	Paper	103903+ *	103903 *
K2E/K2EDTA	4	13 x 75	K2EDTA	Paper	104904+ *	104904 *
K2E/K2EDTA	5/4.5	13 x 75	K2EDTA	Paper	105905+ *	105905 *
K2E/K2EDTA	6	13 x 100	K2EDTA	Paper	106906+ **	106906 **
K2E/K2EDTA	9	16 x 100	K2EDTA	Paper	107909+ ***	107909 **
K2E/K2EDTA with Gel	3	13 x 75	Gel + K2EDTA	Paper	111203+ *	111203 *
K2E/K2EDTA with Gel	5	13 x 100	Gel + K2EDTA	Paper	112205+ **	112205 **
K2E/K2EDTA with Gel	8	16 x 100	Gel + K2EDTA	Paper	113208+ ***	113208 **

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusec+ Article No.	Vacusec Article No.
K3E/K3EDTA	1	13 x 75	K3EDTA	Paper	111101+ *	111101 *
K3E/K3EDTA	2	13 x 75	K3EDTA	Paper	112102+ *	112102 *
K3E/K3EDTA	3	13 x 75	K3EDTA	Paper	113103+ *	113103 *
K3E/K3EDTA	4	13 x 75	K3EDTA	Paper	113104+ *	113104 *
K3E/K3EDTA	5/4.5	13 x 75	K3EDTA	Paper	114105+ *	115105 *
K3E/K3EDTA	6	13 x 100	K3EDTA	Paper	116106+ **	116106 **
K3E/K3EDTA	9	16 x 100	K3EDTA	Paper	117109+ ***	117109 **

### Vacusec+



Transit packaging

Pallet

#### Packaging:

Primary packaging: 50/100 pcs.  
 Transit packaging: 800/1,000 pcs.  
 \* Pallet: 54,000 pcs.  
 \*\* Pallet: 48,000 pcs.  
 \*\*\* Pallet: 38,400 pcs.

### Vacusec



Transit packaging

Pallet

#### Packaging:

Primary packaging: 100 pcs.  
 Transit packaging: 1,200 pcs.  
 \* Pallet: 48,000 pcs.  
 \*\* Pallet: 38,400 pcs.

**Shelf life 18 months**





## Vitrex Heparin Tubes

Vitrex Heparin Tubes are coated with Lithium Heparin or Sodium Heparin to inhibit clotting. Sodium Heparin or Lithium Heparin Tubes are used to produce plasma for biochemical testing. The Heparin Tubes are also available with Gel separator. The range of application is: clinical chemistry and trace mineral testing.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
LH/Lithium Heparin	2	13 x 75	Lithium Heparin	Paper	101402+ *	101402 *
LH/Lithium Heparin	4	13 x 75	Lithium Heparin	Paper	105404+ *	102404 *
LH/Lithium Heparin	6	13 x 100	Lithium Heparin	Paper	103406+ **	103406 **
LH/Lithium Heparin	9	16 x 100	Lithium Heparin	Paper	104409+ ***	104409 **
LH/Lithium Heparin with Gel	3	13 x 75	Gel + Lithium Heparin	Paper	101703+ *	101703 *
LH/Lithium Heparin with Gel	5	13 x 100	Gel + Lithium Heparin	Paper	102705+ **	102705 **
LH/Lithium Heparin with Gel	8	16 x 100	Gel + Lithium Heparin	Paper	103706+ ***	103706 **

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
NH/Sodium Heparin	4	13 x 75	Sodium Heparin	Paper	101504+ *	101504 *
NH/Sodium Heparin	6	13 x 100	Sodium Heparin	Paper	102506+ **	102506 **
NH/Sodium Heparin	9	16 x 100	Sodium Heparin	Paper	103509+ ***	103509 **
NH/Sodium Heparin with Gel	3	13 x 75	Gel + Sodium Heparin	Paper	101603+ *	101603 *
NH/Sodium Heparin with Gel	5	13 x 100	Gel + Sodium Heparin	Paper	102605+ **	102605 **
NH/Sodium Heparin with Gel	8	16 x 100	Gel + Sodium Heparin	Paper	103608+ ***	103608 **

### Vacusence+



Transit packaging      Pallet

**Packaging:**  
 Primary packaging: 50/100 pcs.  
 Transit packaging: 800/1,000 pcs.  
 \* Pallet: 54,000 pcs.  
 \*\* Pallet: 48,000 pcs.  
 \*\*\* Pallet: 38,400 pcs.

### Vacusence



Transit packaging      Pallet

**Packaging:**  
 Primary packaging: 100 pcs.  
 Transit packaging: 1,200 pcs.  
 \* Pallet: 48,000 pcs.  
 \*\* Pallet: 38,400 pcs.

**Shelf life 18 months**



## Vitrex No Additive Tubes

Vitrex No Additive Tubes do not contain any additives. The tubes are used to collect samples of body fluids (blood, urine, cerebrospinal fluid, exudates, etc.). The tubes can be used for specimen analysis, storage and transport. The range of application is: analysis of body fluids in clinical biochemistry, serology and immunology.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
Z/No Additive	2	13 x 75	No Additive	Paper	101102+ *	101102 *
Z/No Additive	4	13 x 75	No Additive	Paper	102204+ *	102204 *
Z/No Additive	6	13 x 100	No Additive	Paper	103106+ **	103106 **
Z/No Additive	9	16 x 100	No Additive	Paper	104109+ ***	104109 **

**Shelf life 18 months**

### Vacusence+



Transit packaging

Pallet

**Packaging:**

Primary packaging: 50/100 pcs.

Transit packaging: 800/1,000 pcs.

\* Pallet: 54,000 pcs.

\*\* Pallet: 48,000 pcs.

\*\*\* Pallet: 38,400 pcs.

### Vacusence



Transit packaging

Pallet

**Packaging:**

Primary packaging: 100 pcs.

Transit packaging: 1,200 pcs.

\* Pallet: 48,000 pcs.

\*\* Pallet: 38,400 pcs.



## Vitrex Glucose Tubes

Vitrex Glucose Tubes contain Sodium Fluoride and K3EDTA, and also Sodium Fluoride and Potassium Oxalate. Glucose tubes are used for glucose determinations like blood sugar and sugar tolerance. The tubes contain a glucose stabiliser, which allows you to block the process of glycolysis for up to 24 hours at room temperature. The range of application is: research of glucose and lactate.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
FE/Sodium Fluoride + K3EDTA	2	13 x 75	Sodium Fluoride + K3EDTA	Paper	-	111302
FE/Sodium Fluoride + K3EDTA	4	13 x 75	Sodium Fluoride + K3EDTA	Paper	-	112304

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
FX/Sodium Fluoride + Potassium Oxalate	2	13 x 75	Sodium Fluoride + Potassium Oxalate	Paper	111402+	111402
FX/Sodium Fluoride + Potassium Oxalate	4	13 x 75	Sodium Fluoride + Potassium Oxalate	Paper	112404+	112404

**Shelf life 18 months**

### Vacusence+



Transit packaging

Pallet

**Packaging:**

Primary packaging:

Transit packaging:

Pallet:

100 pcs.

1,000 pcs.

54,000 pcs.

### Vacusence



Transit packaging

Pallet

**Packaging:**

Primary packaging:

Transit packaging:

Pallet:

100 pcs.

1,200 pcs.

48,000 pcs.



## Vitrex Sedimentation Systems

Vitrex Vacusence Sedimentation Tubes contain 3.2% sodium citrate for ESR test. The tubes are available with an open or closed sedimentation system.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
ESR Tube	2	13 x 75	4NC/Sodium Citrate 3.2%	Paper	111602+	-

**Shelf life 9 months**

### Vacusence+



Transit packaging

Pallet

**Packaging:**

Primary packaging: 100 pcs.  
 Transit packaging: 1,000 pcs.  
 Pallet: 54,000 pcs.



## Vitrex Urine Collection Systems

Vitrex Urine Collection Systems provide easy and comfortable use with urine tubes and integrated urine beaker for healthcare workers. Urine tubes contain no preservatives and can be used for urine transportation to the laboratory for analysis.

Description	Draw Vol. (ml)	Size (mm)	Additive	Label	Vacusence+ Article No.	Vacusence Article No.
Urine Tube	6	13 x 100	No Additive	Paper	-	111506 *
Urine Tube	7	13 x 100	No Additive	Paper	115507+	-
Urine Tube	9	13 x 100	No Additive	Paper	115509+	-
Urine Tube	10	16 x 100	No Additive	Paper	-	112510 *
Urine Tube - Boric Acid	6	13 x 100	Boric Acid	Paper	-	113506 *
Urine Tube - Boric Acid	10	16 x 100	Boric Acid	Paper	-	114510 *
Integrated Urine Beaker 100 ml in a single bag (Sterile) 300 pcs.		16 x 100			-	116506 **

**Shelf life 24 months for Vacusence+  
Shelf life 18 months for Vacusence**

### Vacusence+



Transit packaging: 100 pcs.  
Pallet: 48,000 pcs.

### Vacusence



Transit packaging: 1,200 pcs.  
Pallet: 33,000 pcs.



## Accessories

Vitrex Accessories are necessary products for blood collection.

### Vitrex Tourniquets

Vitrex Tourniquets are used for tying the vein during blood collection. They are safe and easy to use. The tourniquets are available in automatic version for both adults and children, but also in a manual, disposable version as one-size. Latex free.

Description	Pcs./Box	Article No.
Vitrex Tourniquete with buckle, Adult	50	TM1150
Vitrex Tourniquete with buckle, Children	50	TM1125
Vitrex Disposable Tourniquets	25 pcs./roll	TM1175

#### Tourniquets with buckle



Transit packaging

Pallet

##### Packaging:

Primary packaging: 50 pcs.  
Transit packaging: 500 pcs.  
Pallet: 9,000 pcs.

#### Tourniquets Disposable

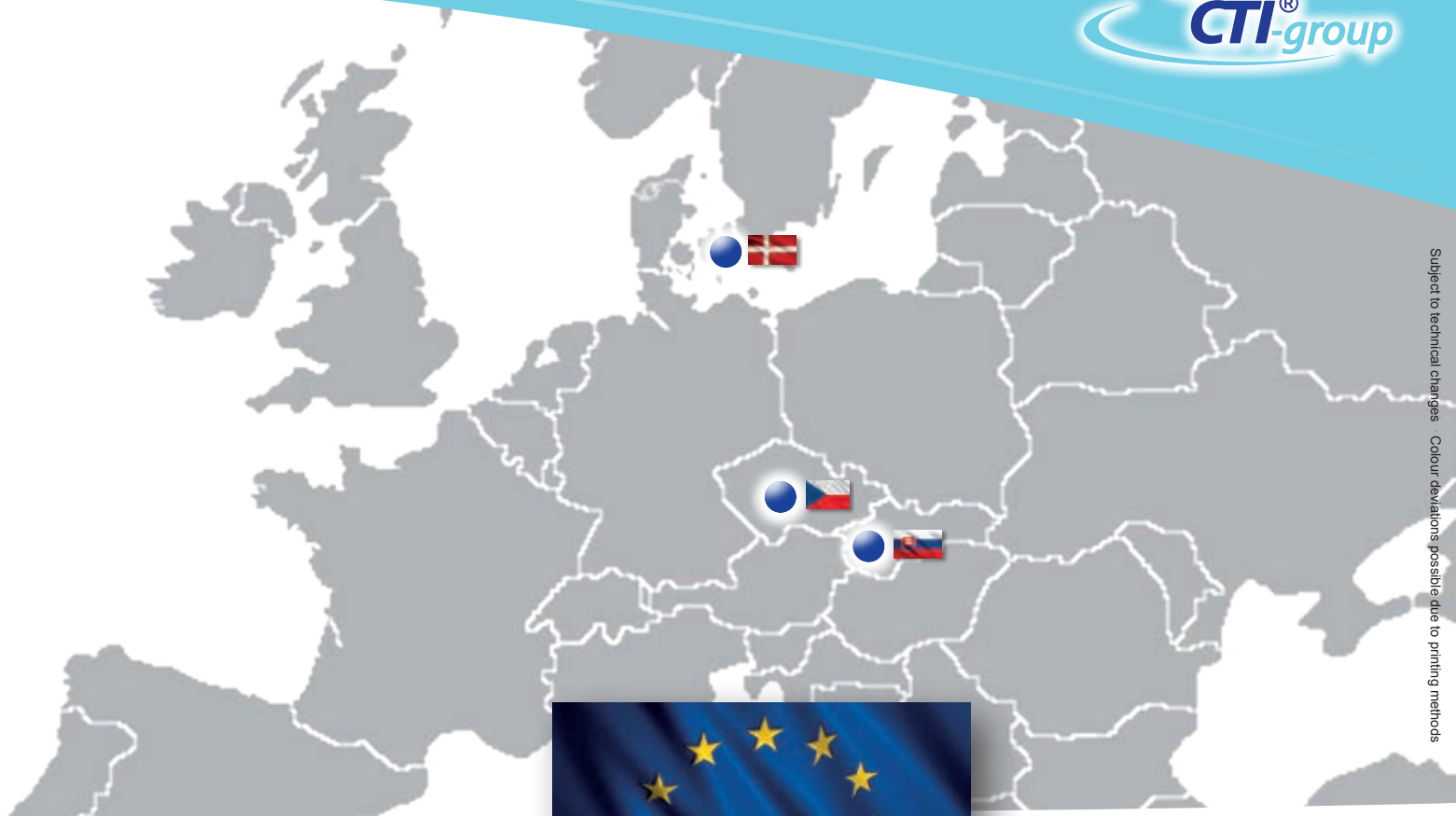


Transit packaging

Pallet

##### Packaging:

Primary packaging: 25 pcs.  
Transit packaging: 2,500 pcs.  
Pallet: 75,000 pcs.



Subject to technical changes - Colour deviations possible due to printing methods



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Printed matter  
5041 0826

Vitrex Medical A/S 2023-10 Rev.007

