

## Ordering Information:

Convergys® CA 4000 and Convergys® CA 4000-D Analyzers

REF	Article Description
1100-2201	Convergys®CA4000D 4-channel coagulometer with D-Dimer
1100-2202	Convergys®CA4000 4-channel coagulometer
1100-2203	CA4000 Cuvettes (1000pcs/kit)
1100-2204	Barcode reader (optional)
1100-2205	Printer paper (10pcs/kit)



# Convergys® CA4000 and CA4000-D

Coagulation Analyzers, Reagents and Controls

## Ordering Information:

Reagents, Controls and Calibrators

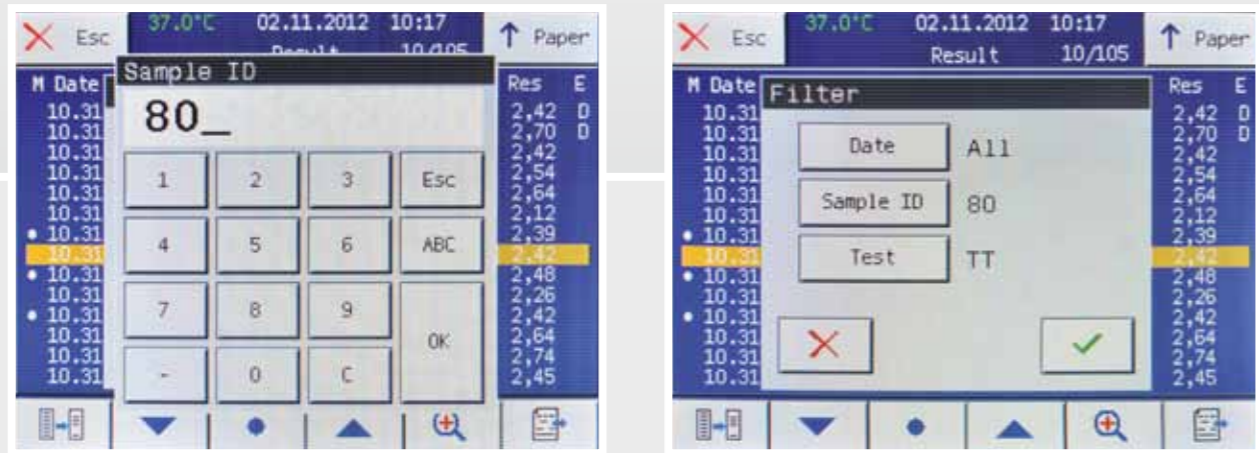
REF	Packsize	Article Description
<b>Assay reagents:</b>		
1100-2206	12 x 15 ml	CT-IMIDAZOL
1100-2207	12 x 4 ml	CT-CaCl <sub>2</sub>
1100-2208	12 x 16 ml	CT-CaCl <sub>2</sub>
1100-2209	12 x 3 ml	CT-TT
1100-2210	12 x 2 ml	CT-FIB
1100-2211	12 x 5 ml	CT-FIB
1100-2212	12 x 2 ml	CT-PTT
1100-2213	6 x 4 ml	CT-PTT
1100-2214	12 x 4 ml	CT-PTT
1100-2215	6 x 2 ml	CT-PTT LIQUID
1100-2216	12 x 2 ml	CT-PTT LIQUID
1100-2217	5 x 5 ml	CT-PT
1100-2218	10 x 5 ml	CT-PT
1100-2219	10 x 10 ml	CT-PT
1100-2220	6 x 2 ml	CT-PT-LIQUID
1100-2221	12 x 2 ml	CT-PT-LIQUID
1100-2222	12 x 4 ml	CT-PT-LIQUID
1100-2223	12 x 5 ml	CT-PT-LIQUID
1100-2224	12 x 8 ml	CT-PT-LIQUID
<b>Controls:</b>		
1100-2225	2 x 5 x 1 ml	CT-Cont I, CT-Cont II
<b>Calibrators:</b>		
1100-2226	12 x 1 ml	CT-Cal



The Comfortable way of  
Coagulation Analysis

- 4 independent measurement channels
- Quantitative D-dimer measurement with Convergys® CA 4000D
- Operation with visual sample guidance
- Real-time channel status follow-up
- Status display of preparation, incubation and measurement
- Integrated QC
- Pre-incubation storage of up to 20 cuvettes
- Magnetic stirring of 2 thermostated reagent positions
- USB interface for data transfer and software upgrade
- Optional Barcode Reader

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## Area of use

The *Convergy's*® CA4000 and CA4000-D analyzers serve to determine different factors, tests and inhibitors.

Parameters for <i>Convergy's</i> ®	CA4000	CA4000 D
Screening tests PT, APTT, Fibrinogen, TT	✓	✓
Clotting factors II, V, VII, X VIII, IX, XI, XII	✓	✓
Inhibitors APC, Protein C, Protein S, LA	✓	✓
User-defined tests Nephelometric assay, Turbidimetric assay	✓	✓
D-Dimer		✓



The *Convergy's*® CA 4000 and CA4000-D series Coagulation Analyzers with respective Reagents and Controls are for functional factor testing of the intrinsic and extrinsic blood coagulation pathways.

With the visual status monitoring function you choose the comfortable way for coagulation and D-dimer tests. The four indicator LEDs associated with the measurement positions will guide you through the complete measurement procedure. Tests for Factors, Inhibitors, Screening tests and User defined tests can be performed with 4 independent measuring channels. The special version *Convergy's*® CA 4000D can perform D-dimer measurements.

## Technical Parameters

<b>Instrument dimensions:</b>	80 mm; 195 mm; 310 mm (H, W, D)
<b>Power supply dimensions:</b>	120 mm; 60 mm; 30mm (H, W, D)
<b>Weight:</b>	2,5 kg
<b>Power supply:</b>	External. AC 100-250 V; DC 9 V. 5 A
<b>Data Interface:</b>	RS-232, slave and master USB
<b>Data storage:</b>	UP to 1000 patient samples
<b>Printer:</b>	Thermal printer 80 mm-width
<b>Incubation:</b>	Block with 37 °C ± 0.1 °C 20 x preheated cuvette position 4 x measurement location 2 x 10 ml reagent position
<b>Display:</b>	color graphic liquid crystal touch screen
<b>Operating temperature:</b>	15-30°C
<b>Operating humidity:</b>	10-85% R.H. non condensing
<b>Storage temperature:</b>	-10 - +50°C

ID	sec1	sec2	AVG[s]	g/l
15	20,0	19,8	19,9	1,11
16	18,7	18,6	17,6	1,31
17	19,2	17,4	18,3	1,24
18	17,8	18,2	18,0	1,27
19	17,2	18,0	17,6	1,31
20	16,9	18,1	17,5	1,32
21	19,0	17,7	18,3	1,24
22	18,5	18,1	18,3	1,24

23	24
19.1	18.0
Measuring	Measuring
18.6	30
Measuring	Measuring



**Incubation area:**  
20 x pre-heated cuvette positions  
4 x measurement locations  
2 x 10 ml reagent positions

