



HORIBA
Medical

CATALOGUE

HEMATOLOGY, CLINICAL CHEMISTRY & HEMOSTASIS

LOGUE

REAGENTS, CONSUMABLES AND CUSTOMER SUPPORT

2020



CATA

HEMATOLOGY, CLINICAL CHEMISTRY & HEMOSTASIS

LOGUE

REAGENTS, CONSUMABLES AND CUSTOMER SUPPORT

2020



Dear Valued Customers and Partners,

First of all, HORIBA Medical wishes to thank you for your confidence, your leadership and your dedication in 2019.

Because you are the front line of a constantly evolving market, we will constantly be listening to your needs and your knowledge as well as your feedback on the diagnostic market and more widely the healthcare market in general.

At HORIBA Medical, we are committed to bringing you support and expertise to become the preferred partner of diagnostic solutions in the disciplines of hematology, hemostasis and clinical chemistry. We strive to demonstrate the pertinence of our ranges of analyzers, designed for faster, more accurate and safer diagnosis.

This new catalogue, which, like our products, is designed to be efficient and easy-to-use, brings together the solutions that, through your support, have built up our strength over the years, alongside new solutions which reflect our commitment to continuously increase the quality and depth of our range of analysers and services.

Thank you again for choosing us. We look forward to having you as our valued customers and partners for many years to come.

The HORIBA Medical Team

HORIBA
Medical

HEMATOLOGY



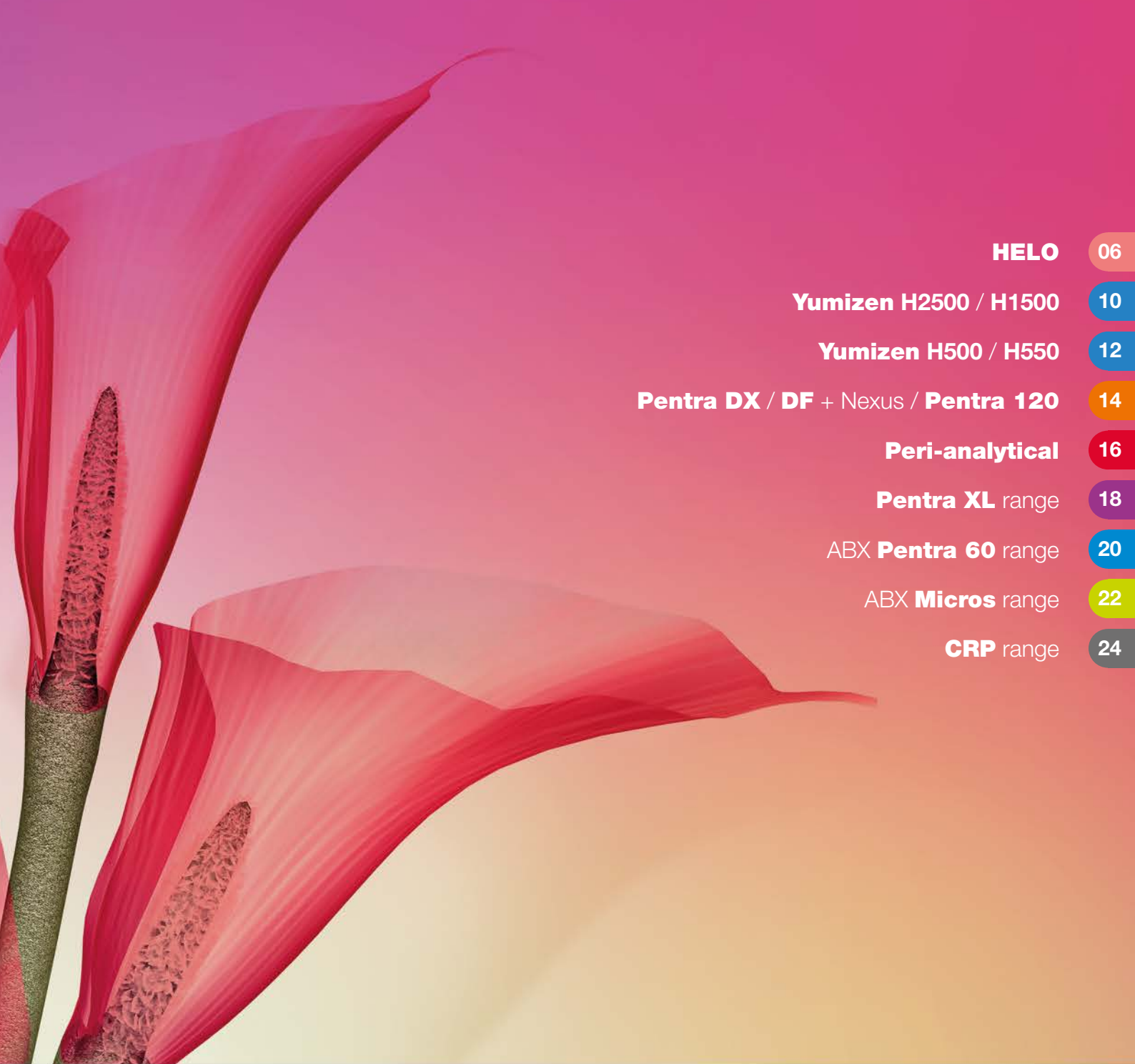
Yumizen H2500 SPS



Yumizen H550



Pentra DX Nexus SPS Evolution



HELO 06

Yumizen H2500 / H1500 10

Yumizen H500 / H550 12

Pentra DX / DF + Nexus / Pentra 120 14

Peri-analytical 16

Pentra XL range 18

ABX **Pentra 60 range** 20

ABX **Micros range** 22

CRP range 24



Pentra XLR



Pentra ES 60



ABX **Micros ES 60**



Microsemi CRP





Giving dimension... **...to your projects!**

Flexible, scalable and bespoke
solutions for each laboratory.

Now there is no more compromise,
just one solution... yours.





IMPORTANT NOTICE

Our product portfolio regularly evolves. The products and references of this catalogue may be subject to change.

Do not hesitate to contact Horiba Medical team regarding updates and/or for any additional information you may need.

Additional data are also available on our website that you can access through the following URL: <https://toolkits.horiba-abx.com/documentation/search.php>

In the present catalogue, two different product numbers may be shown:

- an 'Internal ref.' that we recommend to use for any orders; and
- an 'International ref.'

Both of them refer to one single product.

> As for all products registered before April 2015, their product registration number is the 'International ref.'. For those products, we have maintained both 'International' and 'Internal' ref. in our catalogue.

> For all products marketed after April 2015, we use the same product number for registration and ordering purposes. For these, one single reference, i.e. the 'Internal ref.', is mentioned.

HORIBA
Medical

Yumizen
H2500



56 parameters with CBC/DIFF/NRBC, PLT Ox*,
Retics*, Body Fluids

4 sided mixing autoloader (360°)

Throughput of 120 tests/hour

One sampling needle

Low sampling volume of 110µL

4 tracking configurations (T6000)

User friendly software

Integrated Expert validation station
with middleware capabilities
(Yumizen P8000)

Optional Slide Preparation System
(Yumizen SPS) for both models

*Characteristics of Yumizen H2500 model

Yumizen Range

H1500/H2500

New hematology analyzer
with validation station for medium
and large size laboratories



**HORIBA Medical Complete diagnostic platform
for the hematology with the HELO* tracking solution**

* HELO : HORIBA Evolutive Laboratory Organisation

Reference Internal	Reference International	Designation	System
			Yumizen H2500 / Yumizen H1500

Reagents

1210901020	0901020	ABX Diluent 20L	Yumizen H2500 / Yumizen H1500
1210901010	0901010	ABX Diluent 10L	Yumizen H2500 / Yumizen H1500
1210906012	0906012	ABX Lysebio 1L	Yumizen H2500 / Yumizen H1500
1300027030		Nucodiff 1L	Yumizen H2500 / Yumizen H1500
1210204050	0204050	ABX Basolyse 5L	Yumizen H2500 / Yumizen H1500
1210904011	0904011	ABX Fluocyte 0.5L	Yumizen H2500
1210903010	0903010	ABX Cleaner 1L	Yumizen H2500 / Yumizen H1500
1210401005	0401005	ABX Minoclar 0.5L	For all HORIBA Medical Systems

Reagents for SPS

1210000008	A01A00008	May-Grünwald (6 x 0.5L)	Yumizen SPS
1210000007	A01A00007	Giemsa (6 x 0.5L)	Yumizen SPS
1210000005	A01A00005	Buffer 7.2 (1 x 100 tablets)	Yumizen SPS
1210000004	A01A00004	Buffer 6.8 (1 x 100 tablets)	Yumizen SPS
1300052022		Denatured Ethanol 70% (5L)	Yumizen SPS
1210000006	A01A00006	Methanol (4 x 2.5L)	Yumizen SPS

Blood controls & Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

1212062203	2062203	ABX Difftrol (2N)	Yumizen H2500 / Yumizen H1500
1212062207	2062207	ABX Difftrol (2L)	Yumizen H2500 / Yumizen H1500
1212062208	2062208	ABX Difftrol (2H)	Yumizen H2500 / Yumizen H1500

ABX Minotrol Retic Twin Packs (2 x 3 mL vial)

1212072201	2072201	ABX Minotrol Retic (2x "2")	Yumizen H2500
1212072202	2072202	ABX Minotrol Retic ("1" & "3")	Yumizen H2500

BFTR0L (3 mL vial)

1300039405		BFTR0L ("2" & "3")	Yumizen H2500 / Yumizen H1500
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ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables for SPS

1207621048		Slide - SPS (1 x 50)	Yumizen SPS
1209133945		Coloration wells (1 x 32)	Yumizen SPS
1207942009		Smearing Ribbon	Yumizen SPS
1207942008		Inking Ribbon IR-61 B CITIZEN	Yumizen SPS
1209179207		Kit of Reagent Caps	Yumizen SPS
1209179208		Filters (x3) of reagent cap	Yumizen SPS
1209179211		Filters (x4) of waste cap	Yumizen SPS
1300028757		Inking Ribbon RC200B- STAR printer	Yumizen SPS

Yumizen
H550



- Integrated Auto Sampler
- Fully Walk-away
- Continuous Loading
- STAT Mode

Yumizen Range

H500/H550

Cost Effective Solution
for Small to Mid-Size Laboratories

Yumizen
H500



- Compact System, Easy Handling
- Open Tubes & Closed Tube versions
- Only 2 Reagents for 5 Diff Analysis
- 27 Parameters, 50 tests/hour
- Whole Blood Micro sampling

Reference Internal	International	Designation	System
			Yumizen H500 / Yumizen H550

Reagents

1210901020	0901020	ABX Diluent 20L	Yumizen H500 / Yumizen H550
1210901010	0901010	ABX Diluent 10L	Yumizen H500 / Yumizen H550
1210903010	0903010	ABX Cleaner 1L	Yumizen H500 / Yumizen H550
1210906022		Whitediff 1L	Yumizen H500 / Yumizen H550
1210401005	0401005	ABX Minoclaire 0.5L	For all HORIBA Medical Systems

Blood controls & Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

1212062203	2062203	ABX Difftrol (2N)	Yumizen H500 / Yumizen H550
1212062207	2062207	ABX Difftrol (2L)	Yumizen H500 / Yumizen H550
1212062208	2062208	ABX Difftrol (2H)	Yumizen H500 / Yumizen H550

ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables

1300035578		Standard Rack Kit (5 racks)	Yumizen H550
1300055714		Sarstedt Rack Kit (5 racks)	Yumizen H550



Pentra DX Nexus

120 tests/hour
50 parameters
Expert validation system
(ABX PENTRA ML)

Pentra **DX/DF** Nexus

Hematology analyser



Pentra DF Nexus **SPS** Evolution

- 120 tests/hour
- 32 parameters
- Expert validation system (ABX PENTRA ML)
- Integrated slide-maker* (ABX SPS Evolution)

* Option

Pentra DX Nexus / **Pentra DX** Nexus **SPS** Evolution

Pentra DF Nexus / **Pentra DF** Nexus **SPS** Evolution

ABX **Pentra DX** 120 / ABX **Pentra DX** 120 **SPS** Evolution

ABX **Pentra DF** 120 / ABX **Pentra DF** 120 **SPS** Evolution

ABX **Pentra 120** / ABX **Pentra 120** **SPS** Evolution

Reference Internal	Reference International	Designation	System
			Pentra DX / DF + Nexus / 120

Reagents

1210901020	0901020	ABX Diluent 20L	Pentra DX / DF Nexus / 120
1210901010	0901010	ABX Diluent 10L	Pentra DX / DF Nexus / 120
1210906012	0906012	ABX Lysebio 1L	Pentra DX / DF Nexus / 120
1210206013	0206013	ABX Leucodiff 1L	Pentra DX / DF Nexus / 120
1210204050	0204050	ABX Basolyse 5L	Pentra DX / DF Nexus / 120
1210904011	0904011	ABX Fluocyte 0.5L	Pentra DX / DF Nexus / 120
1210903010	0903010	ABX Cleaner 1L	Pentra DX / DF Nexus / 120
1210401005	0401005	ABX Minoclar 0.5L	For all HORIBA Medical Systems

Reagents for ABX SPS Evolution

1210000008	A01A00008	May-Grünwald (6 x 0.5L)	SPS Evolution
1210000007	A01A00007	Giemsa (6 x 0.5L)	SPS Evolution
1210000004	A01A00004	Buffer 6.8 (1 x 100 tablets)	SPS Evolution
1210000005	A01A00005	Buffer 7.2 (1 x 100 tablets)	SPS Evolution
1300052022		Denatured Ethanol 70% (5L)	SPS Evolution
1210000006	A01A00006	Methanol (4 x 2.5L)	SPS Evolution

Blood controls & Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial)

1212062203	2062203	ABX Difftrol (2N)	Pentra DX / DF Nexus / 120
1212062207	2062207	ABX Difftrol (2L)	Pentra DX / DF Nexus / 120
1212062208	2062208	ABX Difftrol (2H)	Pentra DX / DF Nexus / 120

ABX Minotrol Retic Twin Packs (2 x 3 mL vial)

1212072201	2072201	ABX Minotrol Retic (2x "2")	Pentra DX / DF Nexus / 120
1212072202	2072202	ABX Minotrol Retic ("1"&"3")	Pentra DX / DF Nexus / 120

ABX Erytrol Twin Packs (2 x 3 mL vial)

1212072203	2072203	ABX Erytrol (2 x "3")	Pentra DX / DF Nexus / 120
1212072204	2072204	ABX Erytrol ("1"&"2")	Pentra DX / DF Nexus / 120

ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables for ABX SPS Evolution

1207621048		Slide for SPS (1 x 50)	SPS Evolution
1209133945		Coloration wells (1 x 32)	SPS Evolution
1207942009		Smearing Ribbon	SPS Evolution
1207942008		Inking Ribbon IR-61 B CITIZEN	SPS Evolution
1209179207		Kit of Reagent Caps	SPS Evolution
1209179208		Filters (x3) of reagent cap	SPS Evolution
1209179211		Filters (x4) of waste cap	SPS Evolution
1300028757		Inking Ribbon RC200B- STAR printer	SPS Evolution

Peri-analytical

- Standardization of blood films
- 2 slides at once
- Very compact system
- For stationary or portable use



Blood Smearing System
for Hematology

Reference	Designation	System
		Hemaprep

Consumables for Hemaprep

1300029910	Spreader blades	Hemaprep
1300029912	Spreader holder repair kit	Hemaprep
1300029913	Slide trays US	Hemaprep
1300029914	Slide trays international	Hemaprep
1207621048	Slide (1x 50)	Hemaprep

ABX **Pentra XL** 80



- 80 tests/ hour
- Auto rerun and reflex
- 26 parameters
- Large walk-away capacity
- Customized Dilution Ratio (CDR)
- Integrated workstation and validation station

Pentra **XL** Range

Hematology analyser

Pentra XLR



Compact and reliable hematology platform
including reticulocytes by fluorescence

- 36 parameters
- Auto Rerun and reflex tests
- Large walk-away capacity
- Approximately 80 tests/ hour
- Customized Dilution Ratio (CDR)
- Integrated workstation and validation station

Pentra **XLR**

ABX Pentra **XL 80** / ABX Pentra **80**

Reference Internal	Reference International	Designation	System
			Pentra XLR ABX Pentra XL80 / ABX Pentra 80

Reagents

1210901020	0901020	ABX Diluent 20L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210901010	0901010	ABX Diluent 10L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210906013	0906013	ABX Lysebio 0.4L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210906012	0906012	ABX Lysebio 1L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210206010	0206010	ABX Eosinofix 1L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210906003	0906003	ABX Basolyse II 1L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210903010	0903010	ABX Cleaner 1L	Pentra XL 80 / Pentra 80 / Pentra XLR
1210904011	0904011	ABX Fluocyte 0.5L	Pentra XLR
1210401005	0401005	ABX Minoclar 0.5L	For all HORIBA Medical Systems

Blood controls & Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial) - Recommended by HORIBA Medical

1212062207	2062207	ABX Difftrol (2L)	Pentra XL 80 / Pentra 80 / Pentra XLR
1212062203	2062203	ABX Difftrol (2N)	Pentra XL 80 / Pentra 80 / Pentra XLR
1212062208	2062208	ABX Difftrol (2H)	Pentra XL 80 / Pentra 80 / Pentra XLR

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

1212042208	2042208	ABX Minotrol 16 (2L)	Pentra XL 80 / Pentra 80 / Pentra XLR
1212042202	2042202	ABX Minotrol 16 (2N)	Pentra XL 80 / Pentra 80 / Pentra XLR
1212042209	2042209	ABX Minotrol 16 (2H)	Pentra XL 80 / Pentra 80 / Pentra XLR

ABX Minotrol Retic Twin Packs (2 x 3 mL vial)

1212072201	2072201	ABX Minotrol Retic (2x "2")	Pentra XLR
1212072202	2072202	ABX Minotrol Retic ("1"&"3")	Pentra XLR

ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level



ABX **Pentra 60C+**

- 60 tests/hour
- 26 parameters
- Workstation capability
- Closed tube sampling

ABX **Pentra 60** Range

Hematology analyser



Pentra ES 60

- 60 tests/hour
- 26 parameters
- Workstation capability
- Open tube sampling

Reference Internal	Reference International	Designation	System
			ABX Pentra 60 C+ / Pentra ES 60 ABX Pentra 60 / Pentra MS 60

Reagents

1210901020	0901020	ABX Diluent 20L	Pentra 60 C+ / Pentra 60 / Pentra ES 60 Pentra MS 60
1210901010	0901010	ABX Diluent 10L	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1210906013	0906013	ABX Lysebio 0.4L	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1210206010	0206010	ABX Eosinofix 1L	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1210906003	0906003	ABX Basolyse II 1L	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1210903010	0903010	ABX Cleaner 1L	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1210401005	0401005	ABX Minoclaire 0.5L	For all HORIBA Medical Systems

Blood controls & Calibrator

ABX Difftrol Twin Packs (2 x 3 mL vial) - Recommended by HORIBA Medical

1212062207	2062207	ABX Difftrol (2L)	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1212062203	2062203	ABX Difftrol (2N)	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1212062208	2062208	ABX Difftrol (2H)	Pentra 60 C+ / Pentra 60 / Pentra ES 60

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

1212042208	2042208	ABX Minotrol 16 (2L)	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1212042202	2042202	ABX Minotrol 16 (2N)	Pentra 60 C+ / Pentra 60 / Pentra ES 60
1212042209	2042209	ABX Minotrol 16 (2H)	Pentra 60 C+ / Pentra 60 / Pentra ES 60

ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

ABX **Micros 60**



- 60 tests/hour
- Open or closed tube sampling
- 18 parameters

ABX **Micros** Range

Hematology analyser

ABX **Micros ES 60**



- CBC + 3 DIFF
- Comprehensive Data Management
- Integrated Color Touch Screen
- 19 parameters

Reference Internal	Reference International	Designation	System
			ABX Micros ES 60 / ABX Micros 60 ABX Micros ESV 60 / ABC Vet / Advia 60

Reagents

1210802020	0802020	ABX Minidil LMG 20L	Micros 60 / Micros ES60
1210802010	0802010	ABX Minidil LMG 10L	Micros 60 / Micros ES60
1210702010	0702010	ABX Minilyse LMG 1L	Micros 60 / Micros ES60
1210403010	0403010	ABX Miniclean 1L	Micros 60 / Micros ES60
1210602050	0602050	ABX Minipack LMG	Micros 60 / Micros ES60 / Micros Care ST
1210606051	0606051	Minipack AD 60 (x4)	Advia 60
1210604052	0604052	ABX Vetpack	Micros ESV 60 / ABC Vet
1210401005	0401005	ABX Minoclar 0.5L	For all HORIBA Medical Systems
1210906019	0906019	Minilysebio 1L	Micros 60 / Micros ES60
1210906020	0906020	Minilysebio 0.4L	Micros 60 / Micros ES60

Blood controls & Calibrator

ABX Minotrol 16 Twin Packs (2 x 2.5 mL vial)

1212042208	2042208	ABX Minotrol 16 (2L)	Micros 60 / Micros ES60 / Advia 60 Micros Care ST / ABC Vet / Micros ESV60
1212042202	2042202	ABX Minotrol 16 (2N)	Micros 60 / Micros ES60 / Advia 60 Micros Care ST / ABC Vet / Micros ESV60
1212042209	2042209	ABX Minotrol 16 (2H)	Micros 60 / Micros ES60 / Advia 60 Micros Care ST / ABC Vet / Micros ESV60
1212042024	2042024	Minotrol Smartcard	Micros 60 / Advia 60

ABX Minocal (2 mL vial)

1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems
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N: normal level, H: high level, L: low level

Consumables

1211103113	1103113	Thermal Paper roll Micros ES60	Micros ES60 / Micros Care ST
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Microsemi **CRP**

- Emergencies, Physician Offices,
Near Patient Testing
- Whole Blood Micro Sampling
- CBC + CRP in 4 minutes
- 19 parameters
- Easy to use compact system

CRP Range

Infectious Care Screening



Pentra **MS** CRP

- Pediatrics, Care Units, Decentralized Testing
- Whole Blood Micro Sampling
- DIFF + CRP in 3 minutes
- 27 parameters
- Comprehensive Data Management

Reference Internal	Reference International	Designation	System
			ABX Micros ES 60 / ABX Micros 60 Microsemi CRP / ABX Micros CRP 200 ABX Micros CRP / Pentra MS CRP

Reagents

1210206010	0206010	ABX Eosinofix 1L	Pentra MS CRP
1210906003	0906003	ABX Basolyse II 1L	Pentra MS CRP
1210901010	0901010	ABX Diluent 10L	Pentra MS CRP
1210901020	0901020	ABX Diluent 20L	Pentra MS CRP
1210802010	0802010	ABX Minidil LMG 10L	Micros CRP 200 / Micros CRP / Microsemi CRP
1210802020	0802020	ABX Minidil LMG 20L	Micros CRP 200 / Micros CRP / Microsemi CRP
1210903010	0903010	ABX Cleaner 1L	Pentra MS CRP
1210906004	0906004	ABX Alphalyse 0.4L	Micros CRP 200 / Micros CRP
1210906014	0906014	ABX Alphalyse 360mL	Micros CRP 200 / Micros CRP
1210403010	0403010	ABX Miniclean 1L	Micros CRP 200 / Micros CRP / Microsemi CRP
1210903011	0903011	ABX Cleaner 0.5L	Micros CRP 200 / Micros CRP
1210906013	0906013	ABX Lysebio 0.4L	Microsemi CRP / Pentra MS CRP
1210401005	0401005	ABX Minoclar 0.5L	For all HORIBA Medical Systems
1210501005	0501005	ABX CRP 100	Micros CRP
1210906019	0906019	Minilysebio 1L	Micros CRP 200
1210906020	0906020	Minilysebio 0.4L	Micros CRP 200
3014042431	0501015	ABX CRP Rea	Micros CRP 200 / Pentra MS CRP
3200345511		CRP Unit 50 (2 kits of 50 tests)	Microsemi CRP

Blood controls & Calibrator

ABX Difftrol Twin Pack (2 x 3 mL vial)

1212062203	2062203	ABX Difftrol (2N)	Pentra MS CRP
1212062207	2062207	ABX Difftrol (2L)	Pentra MS CRP
1212062208	2062208	ABX Difftrol (2H)	Pentra MS CRP

ABX Minotrol CRP Twin Packs (2 x 2.5 mL vial)

1212042205	2042205	ABX Minotrol CRP (2 x "1")	Micros CRP 200 / Micros CRP / Microsemi CRP Pentra MS CRP
1212042206	2042206	ABX Minotrol CRP (2 x "2")	Micros CRP 200 / Micros CRP / Microsemi CRP Pentra MS CRP
1212042207	2042207	ABX Minotrol CRP (2 x "3")	Micros CRP 200 / Micros CRP / Microsemi CRP Pentra MS CRP

Calibrator

3014042432	0501016	ABX CRP Std	Micros CRP / Micros CRP 200 / Microsemi CRP Pentra MS CRP
1212032002	2032002	ABX Minocal	Calibration for all HORIBA Medical systems

N: normal level, H: high level, L: low level

Consumables

1211103100	1103100	Thermal Paper Roll (DPU 414)	Micros CRP 200 / Micros CRP
3200044036		Thermal paper (10 rolls)	Microsemi CRP

A photograph of several yellow calla lilies with long green stems, set against a background that transitions from light green at the top to teal at the bottom. Overlaid on the image is the text 'CLINICAL CHEMIS' in a bold, pink, sans-serif font. The text is arranged in four lines: 'CLI' on the first line, 'NI' on the second line, 'CAL' on the third line, and 'CHEMIS' on the fourth line. The text is partially obscured by the flowers and their stems.

CLINICAL CHEMIS



Pentra C400 28

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ISE 33

Consumables and Accessories 34



Pentra C400



Pentra C200



Pentra C400

Clinical chemistry analyser



Reagent management



Sample management



Patient management

300 tests/hour in colorimetric

Up to 420 tests per hour with the ISE module

55 on-board parameters with back-up possibility

Integrated workstation and validation station

Continuous loading



Pentra C200

Clinical chemistry analyser



Reagent management



Cuvette management



Intuitive software

- 90 tests/hour in colorimetric
- Up to 360 tests/hour with ISE (120-150 tests/hour in standard configuration)
- Fully automatic and ergonomic

ENZYMES & SUBSTRATES



Reference		ABX Pentra Designation	Container	Number of tests		Calibrators PC200*	Controls
Internal	International			Format	PC400/P400		
Enzymes ●							
1620001626	A11A01626	ALP CP	Cassette	125	120	1	18, 19
1220001627	A11A01627	ALT CP	Cassette	250	325	1	18, 19
1220001629	A11A01629	AST CP	Cassette	250	325	1	18, 19
1220001628	A11A01628	Amylase CP	Cassette	125	120	1	18, 19, 31
1220001643	A11A01643	CK-MB RTU	Vial	125	90	N/A	34
1220001632	A11A01632	CK NAC CP	Cassette	125	120	1	18, 19, 34
1220001630	A11A01630	GGT CP	Cassette	250	275	1	18, 19
1220001631	A11A01631	Lipase CP	Cassette	100	N/A	1	18, 19
1220001824	A11A01824	LDH CP	Cassette	125	120	1	18, 19
1220001871	A11A01871	LDH IFCC CP	Cassette	125	120	1	18, 19
Substrates ●							
1220001664	A11A01664	Albumin CP	Cassette	327	295	1	18, 19
1220001639	A11A01639	Bilirubin, Total CP	Cassette	130	135	1	18, 19
1220001635	A11A01635	Bilirubin, Direct CP	Cassette	100	115	1	18, 19
1220001954	A11A01954	Calcium AS CP	Cassette	285	265	1	18, 19, 31
1220001634	A11A01634	Cholesterol CP	Cassette	344	305	1	18, 19
1220001636	A11A01636	HDL Direct CP	Cassette	240	235	2	18, 19
1220001934	A11A01934	HDL Direct 100 CP	Cassette	100	100	2	18, 19
1220001638	A11A01638	LDL Direct CP	Cassette	100	100	3	18, 19
1220001645	A11A01645	CO2 RTU	Vial	200 (2 x 100)	170 (2 x 85)	4	21
1220001933	A11A01933	Creatinine 120 CP	Cassette	120	130	1	18, 19, 31
1220001907	A11A01907	Enzymatic Creatinine CP	Cassette	120	120	1	18, 19, 31
1300063534		Fructosamine	NBT	Cassette	200	N/A	14
1220001668	A11A01668	Glucose PAP CP	Cassette	295	265	1	18, 19, 31
1220001667	A11A01667	Glucose HK CP	Cassette	200	190	1	18, 19, 31
1220001637	A11A01637	Iron CP	Cassette	282	350	1	18, 19
1220001721	A11A01721	Lactic Acid	Vial	260 (10 x 26)	240 (10 x 24)	1	18, 19
1220001646	A11A01646	Magnesium RTU	Vial	200 (2 x 100)	170 (2 x 85)	1	18, 19
1220001665	A11A01665	Phosphorus CP	Cassette	100	100	1	18, 19, 31
1220001669	A11A01669	Total Protein CP	Cassette	300	255	1	18, 19
1220001932	A11A01932	Total Protein 100 CP	Cassette	100	105	1	18, 19
1220001640	A11A01640	Triglycerides CP	Cassette	295	265	1	18, 19
1220001670	A11A01670	Uric Acid CP	Cassette	220	270	1	18, 19, 31
1220001641	A11A01641	Urea CP	Cassette	220	270	1	18, 19, 31
1220001642	A11A01642	Urinary Proteins CP	Cassette	100	110	5	31

* For Pentra C200, depending to the real volume of reagent,
the number of tests can vary slightly from the number of tests indicated.

SPECIFIC PROTEINS & AUXILIARY REAGENTS

Reference Internal	Reference International	ABX Pentra Designation	Container Format	Number of tests		Calibrators	Controls	Auxiliary reagents
				PC400/P400	PC200*			
Specific Proteins ●								
1220001687	A11A01687	Apo A1	Vial	215	N/A	13	28	33, 35
1220001688	A11A01688	Apo B	Vial	300	N/A	13	28	33, 35
1220001611	A11A01611	CRP CP	Cassette	200	175	6 Std 16 H.Sens.	22 Std 25 H.Sens.	Saline
1220001900	A11A01900	Ferritin 2 CP	Cassette	100	63	7	23	Saline
1220001697	A11A01697	Haptoglobin	Vial	690	N/A	12	27	33, 35
1220001702	A11A01702	HbA1c WB	Vial	345	300	11	26	(36)
1220001923	A11A01923	Ig A CP	Cassette	100	80	15	32, 33	
1220001924	A11A01924	Ig G CP	Cassette	100	80	15	32, 33	
1220001925	A11A01925	IgM CP	Cassette	100	80	15	32, 33	
1220001691	A11A01691	Kappa	Vial	300	N/A	12	27	33, 35
1220001692	A11A01692	Lambda	Vial	300	N/A	12	27	33, 35
1300032563		Micro ALBUMIN 2 CP	Cassette	150	136	10 Uri. 12 Ser.	24 Uri. 27 Ser.	35 Ser.
1220001904	A11A01904	Myoglobin 2 CP	Cassette	100	N/A	9	23	
1220001696	A11A01696	Orosomucoid	Vial	438	N/A	12	27	34, 35
1220001695	A11A01695	Prealbumin	Vial	200	N/A	12	27	34, 35
1220001613	A11A01613	RF CP	Cassette	100	120	8	22	Saline
1220001926	A11A01926	Transferrin CP	Cassette	100	80	15	32, 33	
1300022598		ASO 2 CP	Cassette	100	100	17	22	

Reference Internal	Reference International	ABX Pentra Designation	Container Format	Volume	Products #
Auxiliary Reagents ●					
1220001655	A11A01655	Accelerator I CP	Cassette	99 mL	33
1220001662	A11A01662	Sample Diluent CP	Cassette	99 mL	35
1220001730	A11A01730	HbA1c WB Hemolysis Reagent	Vial	110 mL	36

CALIBRATORS & CONTROLS



Reference Internal	Reference International	ABX Pentra Designation	Container Format	Level Description	Products #
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Calibrators ●

1220001652	A11A01652	MultiCal	10 x 3 mL	--	1
1220001647	A11A01647	HDL Cal	2 x 1 mL	--	2
1220001678	A11A01678	LDL Cal	2 x 1 mL	--	3
1220001648	A11A01648	CO2 Cal	3 x 3 mL	--	4
1220001898	A11A01898	TPU Cal	3 x 3 mL	--	5
1220001616	A11A01616	CRP Cal	5 x 1 mL	2.5, 10, 40, 80, 160 mg/L	6
1220001619	A11A01619	Ferritin Cal	4 x 1 mL	500 ng/mL	7
1220001618	A11A01618	RF Cal	5 x 1 mL	10, 20, 40, 80, 120 IU/mL	8
1220001620	A11A01620	Myoglobin Cal	5 x 1 mL	0, 62.5, 125, 250, 500 ng/mL	9
1300032565		Micro ALB 2 Cal	5 x 1 mL	--	10
1220001703	A11A01703	HbA1c WB Cal	1 x 8 mL + 5 x 2 mL	--	11
1220001698	A11A01698	Protein Cal	4 x 1 mL	--	12
1220001773	A11A01773	Apo Cal	2 x 1 mL	--	13
1220001680	A11A01680	Fructo Cal	3 x 1 mL	--	14
1220001927	A11A01927	SP Cal	5 x 1 mL	--	15
1220001983	A11A01983	CRP HS Cal	2 x 2 mL	10 mg/l	16
1300022600		ASO 2 Cal	5 x 1 mL	--	17

Controls ●

1220001653	A11A01653	N Control	10 x 5 mL	18
1220001654	A11A01654	P Control	10 x 5 mL	19
1220001650	A11A01650	CO2 Control	3 x 3 mL	21
1220001621	A11A01621	Immuno I Control L/H	1 x 3 mL + 1 x 3 mL	22
1220001622	A11A01622	Immuno II Control L/H	1 x 3 mL + 1 x 3 mL	23
1220001967	A11A01967	Micro ALB Control L/H	1 x 10 mL + 1 x 10 mL	24
1220001731	A11A01731	Low CRP Control	4 x 1 mL	25
1220001704	A11A01704	HbA1c WB Control	2 x 0.25 mL + 2 x 0.25 mL	26
1220001700	A11A01700	Protein Control L/H	2 x 1 mL + 2 x 1 mL	27
1220001774	A11A01774	Apo Control L/H	1 mL + 1 mL	28
1220001681	A11A01681	Fructo Control N	3 x 1 mL	29
1220001682	A11A01682	Fructo Control P	3 x 1 mL	30
1220001674	A11A01674	Urine Control L/H	1 x 10 mL + 1 x 10 mL	31
1220001928	A11A01928	SP Control Low	3 x 1 mL	32
1220001929	A11A01929	SP Control High	3 x 1 mL	33
1300026187		CK 2 Control	4 x 5 mL	34

ISE :

Electrodes, Solutions and Standards



Reference Internal	Reference International	ABX Pentra Designation	Container Format	Capacity
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Pentra C400, ABX Pentra 400 and Pentra C200 ISE option ●

1220001717	A11A01717	Standard 1	Bottle	280 mL
1220001718	A11A01718	Standard 2	Bottle	100 mL
1220001719	A11A01719	Reference (PC200)	Bottle	100 mL
3014029448	A11A01738	Sodium-E	Electrode	1
3014029449	A11A01739	Chloride-E	Electrode	1
3014029450	A11A01740	Potassium-E	Electrode	1
3014029451	A11A01741	Reference-E	Electrode	1
1220001769	A11A01769	Etching CP	Cassette	25 mL
1220001901	A11A01901	Reference 280 mL (PC400/P400)	Bottle	280 mL
1220001971	A11A01971	ISE Cleaner CP (PC200)	Cassette	90 mL

CONSUMABLES & ACCESSORIES

Pentra C400 / ABX Pentra 400
Consumables & Accessories ○



Reference Internal	Reference International	Designation	Pack Size
1220001891	A11A01891	Cuvette Segments (Racks)	450
1220001765	A11A01765	Sample Cup - Blue	1000
1220001766	A11A01766	Sample Cup - Green	1000
1220001767	A11A01767	Sample Cup - White	1000
1220001768	A11A01768	Sample Cup - Yellow	1000
1228086648	B8086648	100 µL Teflon Seal	10
1228086583	B8086583	1000 µL + 500 µL O'Rings	10
1228086605	B8086605	1000 µL Teflon Seal	10
1221034626	B1034626	10 mL Reag Cup	100
1221037307	B1037307	15 mL Reag Cup	100
1221034634	B1034634	4 mL Reag cup	100
1228089078	B8089078	Liq. Elem + Gasket Ring Filter	1
1228078955	B8078955	Reagent Syringe (1000 µL)	1
1228076812	B8076812	Sample Syringe (100 µL)	1
1228088454	B8088454	Seal Replacement Tool	1
1207230166	HAX0166	Sample Rack Stickers - # 01 to 10	1
1207230167	HAX0167	Sample Rack Stickers - # 11 to 20	1
1207230168	HAX0168	Sample Rack Stickers - # 21 to 30	1
1207230169	HAX0169	Sample Rack Stickers - # 31 to 40	1
1207230170	HAX0170	Sample Cup Rack Stickers - # 41 to 50	1
1207230171	HAX0171	Sample Cup Rack Stickers - # 51 to 60	1
1207230172	HAX0172	Sample Cup Rack Stickers - # 61 to 70	1
1207230173	HAX0173	Calibrator Sample Rack Stickers - # 71 to 84	1
1207230174	HAX0174	Control Sample Rack Stickers - # 85 to 99	1
1207230175	HAX0175	Reagent Rack Stickers - # 60 to 69	1
1207230176	HAX0176	Reagent Rack Stickers - # 70 to 79	1
1207230188	HAX0188	Calibrator Reagent Rack Stickers - # 01 to 15	1
1207230190	HAX0190	Control Reagent Rack Stickers - # 30 to 44	1
1207230191	HAX0191	Control Reagent Rack Stickers - # 45 to 59	1
1209159778	XEA778CS	Sample Rack + Adaptors	1
1209131968	XDA968A	Tube Adaptors	5
1209131849	XDA849A	Reagent Rack + Adaptors	1
1209159780	XEA780AS	4 mL Vial Adaptors	3
1209159781	XEA781AS	10 mL Vial Adaptors	3
1209159782	XEA782AS	Sample Cup Adaptors	3
1209159783	XEA783AS	Waste Container	1
1209159935	XEA935AS	Cleaning kit for Chloride electrode	1
1207791004	LBH004A	Water Container	1
1209132805	XDA805B	Biocup Holder	1
1209131850	XDA850A	Cal/Ctrl Reagent Rack + Adaptors	1
1207230273	HAX0273	Sample Rack Stickers - # 1 to 10 (2 of 5 Int.)	1
1207230274	HAX0274	Sample Rack Stickers - # 11 to 20 (2 of 5 Int.)	1
1207230277	HAX0277	Sample Cup Rack Stickers - # 41 to 50 (2 of 5 Int.)	1
1207230278	HAX0278	Sample Cup Rack Stickers - # 51 to 60 (2 of 5 Int.)	1
1207230279	HAX0279	Sample Cup Rack Stickers - # 61 to 70 (2 of 5 Int.)	1
1207230280	HAX0280	Calibrator Sample Rack Stickers - # 71 to 84 (2 of 5 Int.)	1
1207230281	HAX0281	Control Sample Rack Stickers - # 85 to 99 (2 of 5 Int.)	1
1300028830		Lamp P400	1
1203601326		Lamp PC400	1
1220001755	A11A01755	ABX PENTRA Clean-Chem CP	30 mL
1220001754	A11A01754	ABX PENTRA Deproteinizer CP	29 mL
1220001789	A11A01789	ABX PENTRA Clean-Chem 99 CP	4 x 99 mL
3100145498	A11A01851	Dummy Electrode	1
1220001572	A11A01572	4 mL Nalgene Vials	12

Pentra C400 Consumables & Accessories ●



Reference Internal	Reference International	Designation	Pack Size
1220001922	A11A01922	30/10 cassettes kit	6
1207230334	HAX0334	PC400 Open Cassette Sticker sheet 1	1
1207230335	HAX0335	PC400 Open Cassette Sticker sheet 2	1
1207941034	NAB034A	Black _ Cartridge for WP4015 (3400)	1
1207941035	NAB035A	Cyan _ Cartridge for WP4015 (3400)	1
1207941036	NAB036A	Magenta _ Cartridge for WP4015 (3400)	1
1207941037	NAB037A	Yellow _ Cartridge for WP4015 (3400)	1
1207941038	NAB038A	Maintenance box for WP4015	1
1300012671		Black _ Cartridge for WF5110DW (4000)	1
1300012672		Cyan _ Cartridge for WF5110DW (4000)	1
1300012673		Magenta _ Cartridge for WF5110DW (4000)	1
1300012674		Yellow _ Cartridge for WF5110DW (4000)	1
1300017438		ABX Pentra Precitest Solution	1 x 15 mL

Pentra C200 Consumables & Accessories ○



Reference Internal	Reference International	Designation	Pack Size
1220001914	A11A01914	Cuvette racks PC200	60 x 96
1220001915	A11A01915	Cuvette waste bags	100
1220001765	A11A01765	Sample Cup - Blue	1000
1220001766	A11A01766	Sample Cup - Green	1000
1220001755	A11A01755	ABX PENTRA Clean-Chem CP	30 mL
1220001754	A11A01754	ABX PENTRA Deproteinizer CP	29 mL
1220001767	A11A01767	Sample Cup - White	1000
1220001768	A11A01768	Sample Cup - Yellow	1000
1221040310	F10B40310	Halogen Lamp	1
1221026109	F10B26109	Sample syringe tips	10
1221005508	F10B05508	Reagent syringe tips	10
1221005511	F10B05511	Wash syringe tips	10
1221040253	F10B40253	Filter for water system tank	1
1209179086	XEC086AS	Silicon oil for tips	3 mL
1220001922	A11A01922	30/10 cassettes kit	6
1207230297	HAX0297	Barcode sheet	1
1300017438		ABX Pentra Precitest Solution	1 x 15 mL
3100145498	A11A01851	Dummy Electrode	1
1221040314	F10B40314	Sample cups adaptors	1
1221040189	F10B40189	Sample tray assy	1
1221040190	F10B40190	Reagent tray assy	1
1221040213	F10B40213	System water tank	1
1221040255	F10B40255	sampling needle	1
1221040318	F10B40318	Waste bag insertion tool	1
1221005964	F10B05964	Tool for needle	1
1221040092	F10B40092	Detergent container	10

HEMOSTASIS



Yumizen G1550



Yumizen G800

Yumizen G Range
G1500 / G1550 / G800

38

Yumizen G Range
G400 / G400 DDi / G200 / G100

40



Yumizen G400



Yumizen G200



Yumizen G100

Yumizen
G800



Bench top automatic hemostasis analyser

4 independent measuring channels

3 measuring methods: clotting,
turbidimetric and chromogenic
150 PT tests/hour

Yumizen G Range

G1550/G1500/G800

Yumizen
G1550



Bench top automatic
hemostasis analyser

8 independent measuring channels

3 measuring methods:
clotting, turbidimetric and chromogenic

170 PT tests/hour

Optional cap piercing

Reference	Designation	Formulation	Number of tests	Packaging	System
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Yumizen G1550 / Yumizen G800

Routine Reagents

1300036338	Yumizen G PT 5	Lyophilized	235 (G800) 215 (G1500)	5 x 5 mL	Yumizen G800 Yumizen G1500-G1550
1300036373	Yumizen G PT Liq 4	Liquid	444 (G800) 396 (G1550)	12 x 4 mL	Yumizen G800 Yumizen G1500-G1550
1300036376	Yumizen G PT Reco 10	Lyophilized	950 (G800) 910 (G1550)	10 x 10 mL	Yumizen G800 Yumizen G1500-G1550
1300036377	Yumizen G APTT 4	Lyophilized	444 (G800) 396 (G1550)	6 x 4 mL	Yumizen G800 Yumizen G1500-G1550
1300036379	Yumizen G APTT Liq 2	Liquid	204 (G800) 156 (G1550)	6 x 2 mL	Yumizen G800 Yumizen G1500-G1550
1300036381	Yumizen G APTT Liq 4	Liquid	888 (G800) 792 (G1550)	12 x 4 mL	Yumizen G800 Yumizen G1500-G1550
1300036386	Yumizen G CaCl ₂ 4	Liquid	888 (G800) 792 (G1550)	12 x 4 mL	Yumizen G800 Yumizen G1500-G1550
1300036383	Yumizen G FIB 2	Lyophilized	408 (G800) 312 (G1550)	12 x 2 mL	Yumizen G800 Yumizen G1500-G1550
1300036384	Yumizen G FIB 5	Lyophilized	1104 (G800) 1032 (G1550)	12 x 5 mL	Yumizen G800 Yumizen G1500-G1550
1300036385	Yumizen G IMIDAZOL	Liquid	1680 (G800) 1680 (G1550)	12 x 15 mL	Yumizen G800 Yumizen G1500-G1550
1300036382	Yumizen G TT	Lyophilized	324 (G800) 276 (G1550)	12 x 3 mL	Yumizen G800 Yumizen G1500-G1550
1300036390	Yumizen G AT	Lyophilized	216 (G800) 184 (G1550)	4 x 3 mL	Yumizen G800 Yumizen G1500-G1550
1300036391	Yumizen G DDi 2	Liquid	147 (G800) 120 (G1550)	3 x 6.5 mL	Yumizen G800 Yumizen G1500-G1550

Calibrators & Controls

1300036412	Yumizen G CTRL I & II	Lyophilized		5 x 1 mL (x2)	Yumizen G800 Yumizen G1500-G1550
1300036414	Yumizen G CTRL DDi I & II	Lyophilized		5 x 1 mL (x2)	Yumizen G800 Yumizen G1500-G1550
1300036416	Yumizen G CAL	Lyophilized		12 x 1 mL	Yumizen G800 Yumizen G1500-G1550

Consumables

1300036425	Yumizen G Cuvettes			2 x 500 cuvettes	Yumizen G800/G1550
1300039490	Magnetic stirers			10	Yumizen G800/G1550

Accessories

1300047687	External Barcode Reader			1	Yumizen G800 Yumizen G1500-G1550
1300046575	UPS			1	Yumizen G800 Yumizen G1500-G1550
1300046576	Screen Arm Support			1	Yumizen G800 Yumizen G1500-G1550

Yumizen
G100



- Whole blood point of care system
- INR monitoring of oral anti hemostasis
- Single use reaction cuvette
- RFID reagents identification
- Mobile device

Yumizen G Range

G400/G400 DDi

G200/G100

- Semi-automated hemostasis screening
- DDimers tests
- Maintenance free
- Small footprint

Yumizen
G200



Yumizen
G400



Reference	Designation	Formulation	Number of tests	Packaging	System
					Yumizen G400 / Yumizen G200 Yumizen G100

Routine Reagents

1300036338	Yumizen G PT 5	Lyophilized	250	5 x 5 mL	Yumizen G200 / Yumizen G400 DDi
1300036373	Yumizen G PT Liq 4	Liquid	480	12 x 4 mL	Yumizen G200 / Yumizen G400 DDi
1300036376	Yumizen G PT Reco 10	Lyophilized	1000	10 x 10 mL	Yumizen G200 / Yumizen G400 DDi
1300036377	Yumizen G APTT 4	Lyophilized	480	6 x 4 mL	Yumizen G200 / Yumizen G400 DDi
1300036379	Yumizen G APTT Liq 2	Liquid	240	6 x 2 mL	Yumizen G200 / Yumizen G400 DDi
1300036381	Yumizen G APTT Liq 4	Liquid	960	12 x 4 mL	Yumizen G200 / Yumizen G400 DDi
1300036386	Yumizen G CaCl ₂ 4	Liquid	960	12 x 4 mL	Yumizen G200 / Yumizen G400 DDi
1300036383	Yumizen G FIB 2	Lyophilized	960	12 x 2 mL	Yumizen G200 / Yumizen G400 DDi
1300036384	Yumizen G FIB 5	Lyophilized	1200	12 x 5 mL	Yumizen G200 / Yumizen G400 DDi
1300036385	Yumizen G IMIDAZOL	Liquid	960	12 x 15 mL	Yumizen G200 / Yumizen G400 DDi
1300036382	Yumizen G TT	Lyophilized	360	12 x 3 mL	Yumizen G200 / Yumizen G400 DDi
1300036390	Yumizen G AT	Lyophilized	240	4 x 3 mL	Yumizen G200 / Yumizen G400 DDi
1300036391	Yumizen G DDi 2	Liquid	165	3 x 6.5 mL	Yumizen G200 / Yumizen G400 DDi
1300036417	Yumizen G INR kit	Lyophilized	25	25 tests	Yumizen G100 INR

Calibrators & Controls

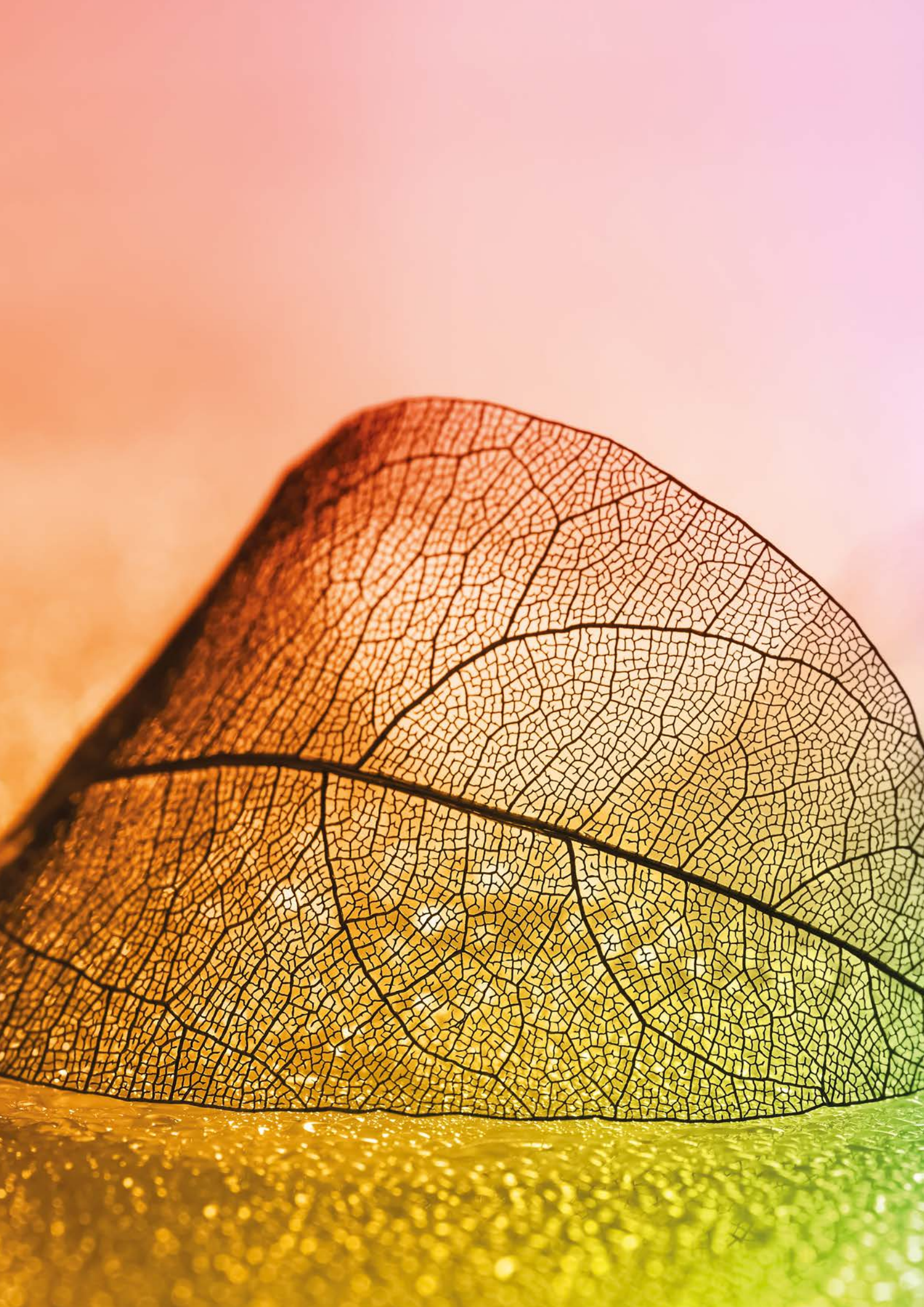
1300036412	Yumizen G CTRL I & II	Lyophilized		5 x 1 mL (x2)	Yumizen G200 / Yumizen G400 DDi
1300036414	Yumizen G CTRL DDi I & II			5 x 1 mL (x2)	Yumizen G100 / Yumizen G200 / Yumizen G400 DDi
1300036416	Yumizen G CAL	Lyophilized		12 x 1 mL	Yumizen G200 / Yumizen G400 DDi

Consumables

1300036425	Yumizen G Cuvettes			2 x 500 cuvettes	Yumizen G100 / Yumizen G200 / Yumizen G400
1300039291	Yumizen G100 pipette holder			1	Yumizen G100 INR
1300039292	Yumizen G100 plunger pipette 20 µL			1	Yumizen G100 INR
1300039293	Yumizen G100 plugged pipette 20 µL			1	Yumizen G100 INR
1300039294	Yumizen G400 printer paper (1 roll)			1	Yumizen G400 DDi
1300039490	Magnetic stirers			10	Yumizen G100 / Yumizen G200 / Yumizen G400

Accessories

1300039277	G100 pink pipette 20 µL			1	Yumizen G100 INR
1300039279	Yumizen G100 dark green pipette 200 µL			1	Yumizen G100 INR
1300039290	Yumizen G100 yellow cones 200 µL			1	Yumizen G100 INR
1300047687	External Barcode Reader			1	Yumizen G200 / Yumizen G400 DDi
1300062211	Printer for Yumizen G200			1	Yumizen G200





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