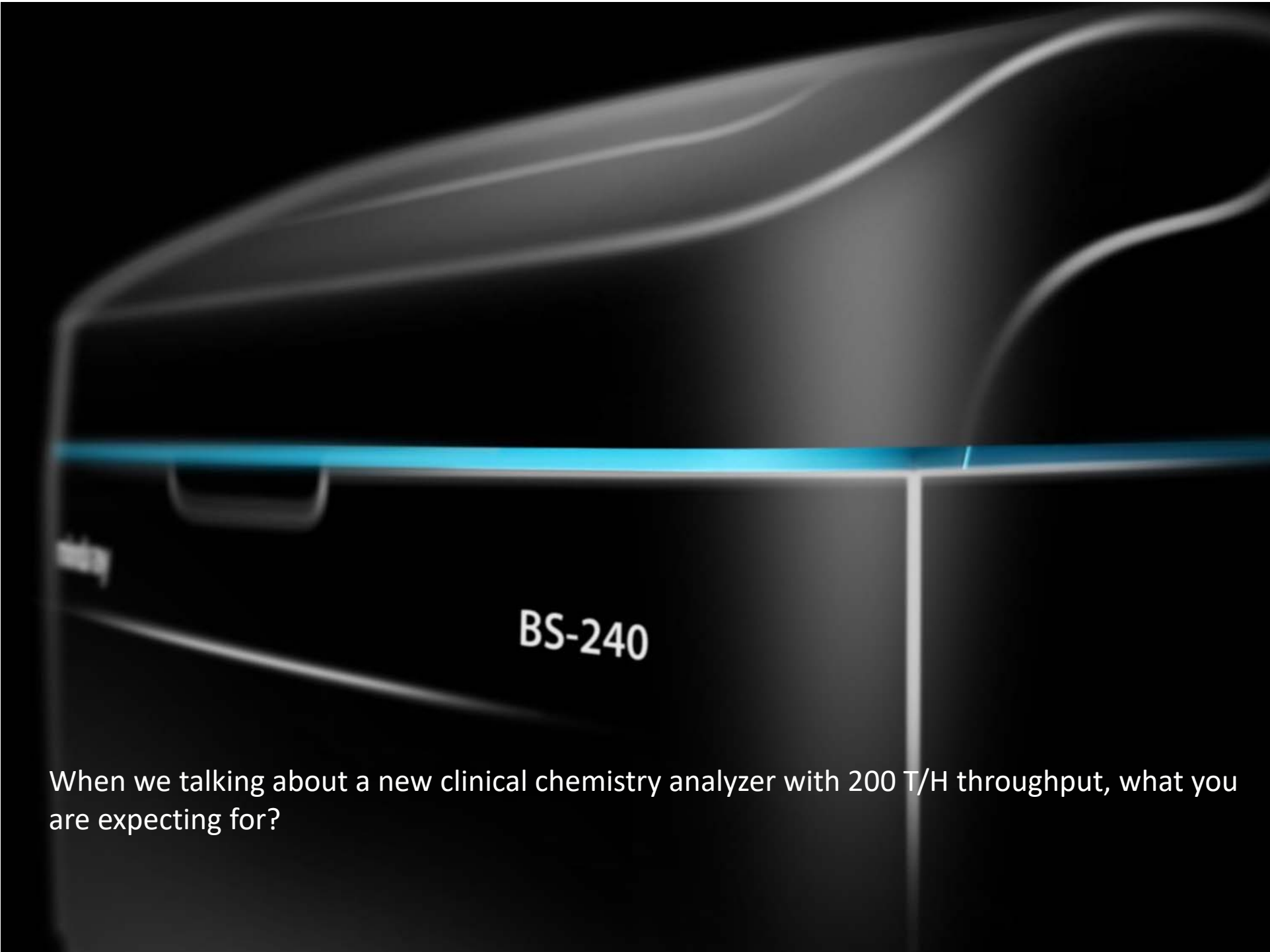


BS-240 and BS-230 Clinical Chemistry Analyzer



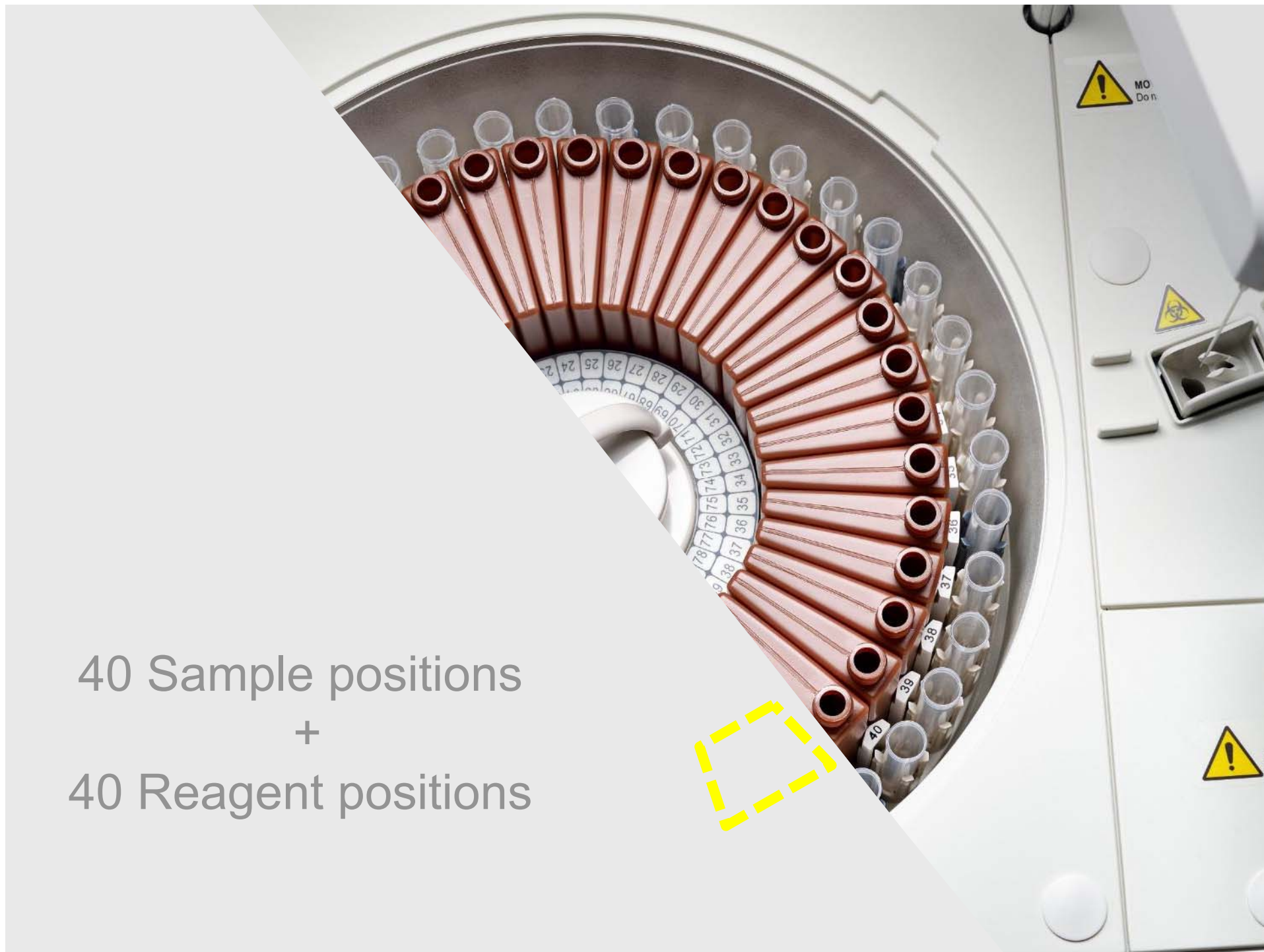
BS-240

When we talking about a new clinical chemistry analyzer with 200 T/H throughput, what you are expecting for?

Not enough sample or reagent positions?



40 Sample positions
+
40 Reagent positions





Getting tired with Cuvettes loading?

Too much water consumption?

Facing a carryover problem?



Redefined Washing station

4 stages 8 steps washing station

Water consumption: $\leq 4\text{L/H}$

Carryover $< 1\text{ppm}$

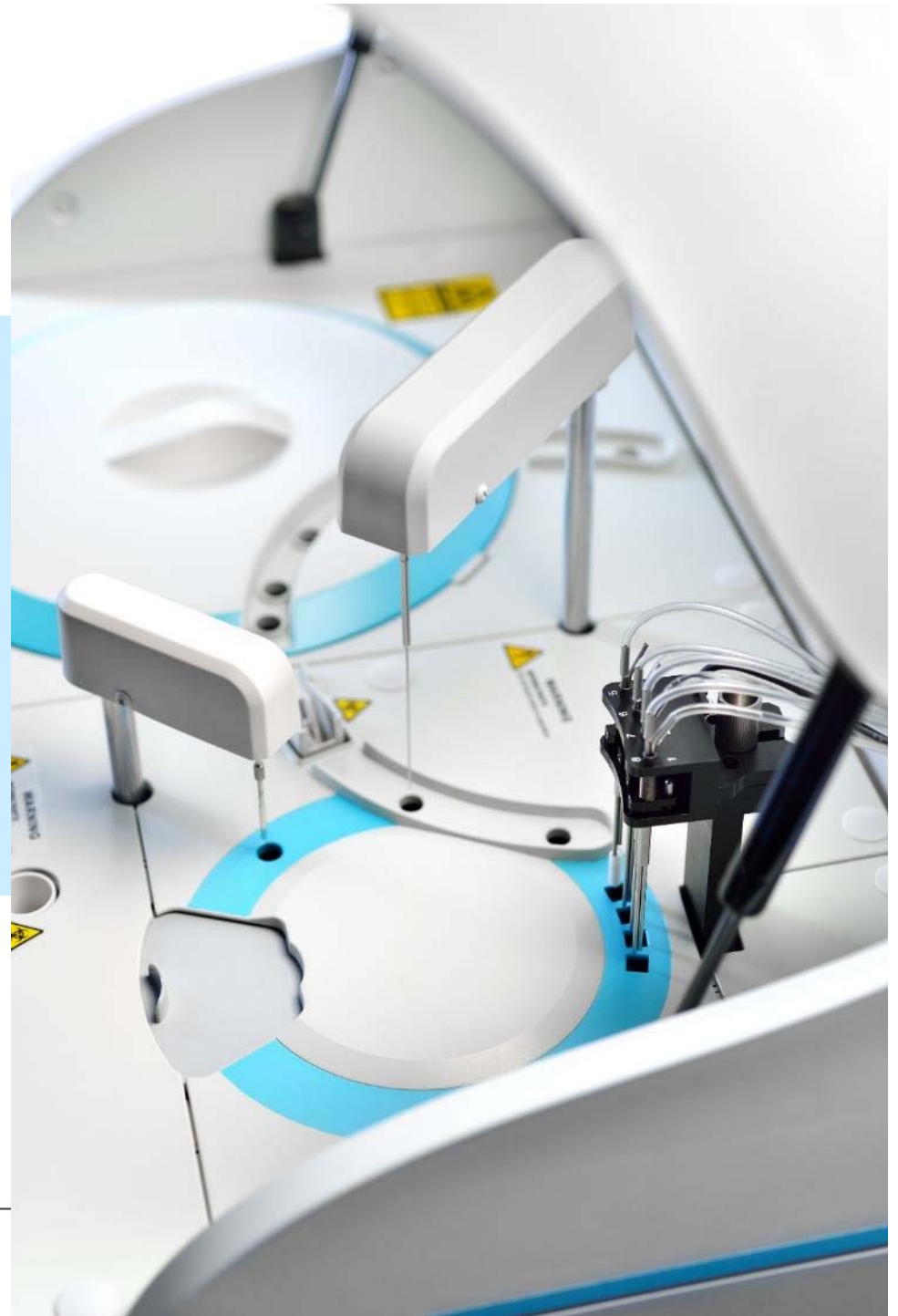
mindray

How to reduce lab cost?



100 μ l

Minimum Reaction Volume



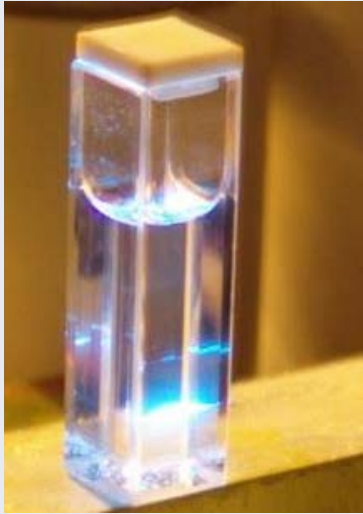
100 µl minimum reaction volume means?

HbA1C MALB TP G6PD FER ALB Glu-H RBP
ALT RF LDH CysC IgA LP(a) ALP TC LIP ADA Glu-G
CO2 ApoB IgG CHE Fe CREA-S α-AMY Mg UREA α-HBDH
β2-mG TBA HDL-C LDL-C ASO ACE P PA IgM C4 D-Bil
CREA-J HS-CRP AST CK CRP TG TRF D-Bil
UA γ-GT C3 CK-MB FUN 5'-NT Ca

All Mindray items

Reagent consumption < BS-120/200/200E

Less Reagent Cost



Less reaction volume

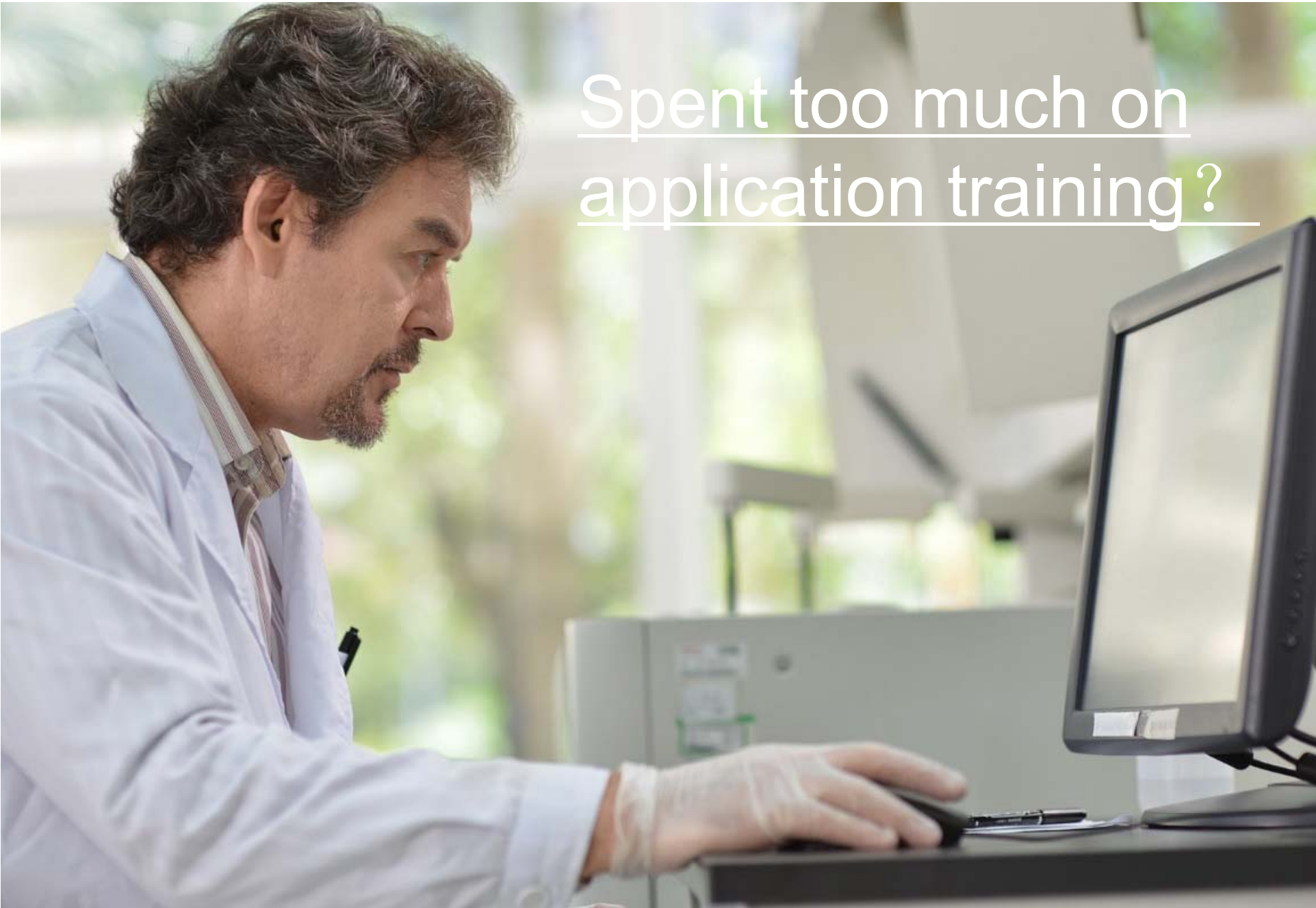
- ✓ 100ul minimum reaction volume
- ✓ 30% less than BS-200/200E

Less Consumables



Reusable Cuvette

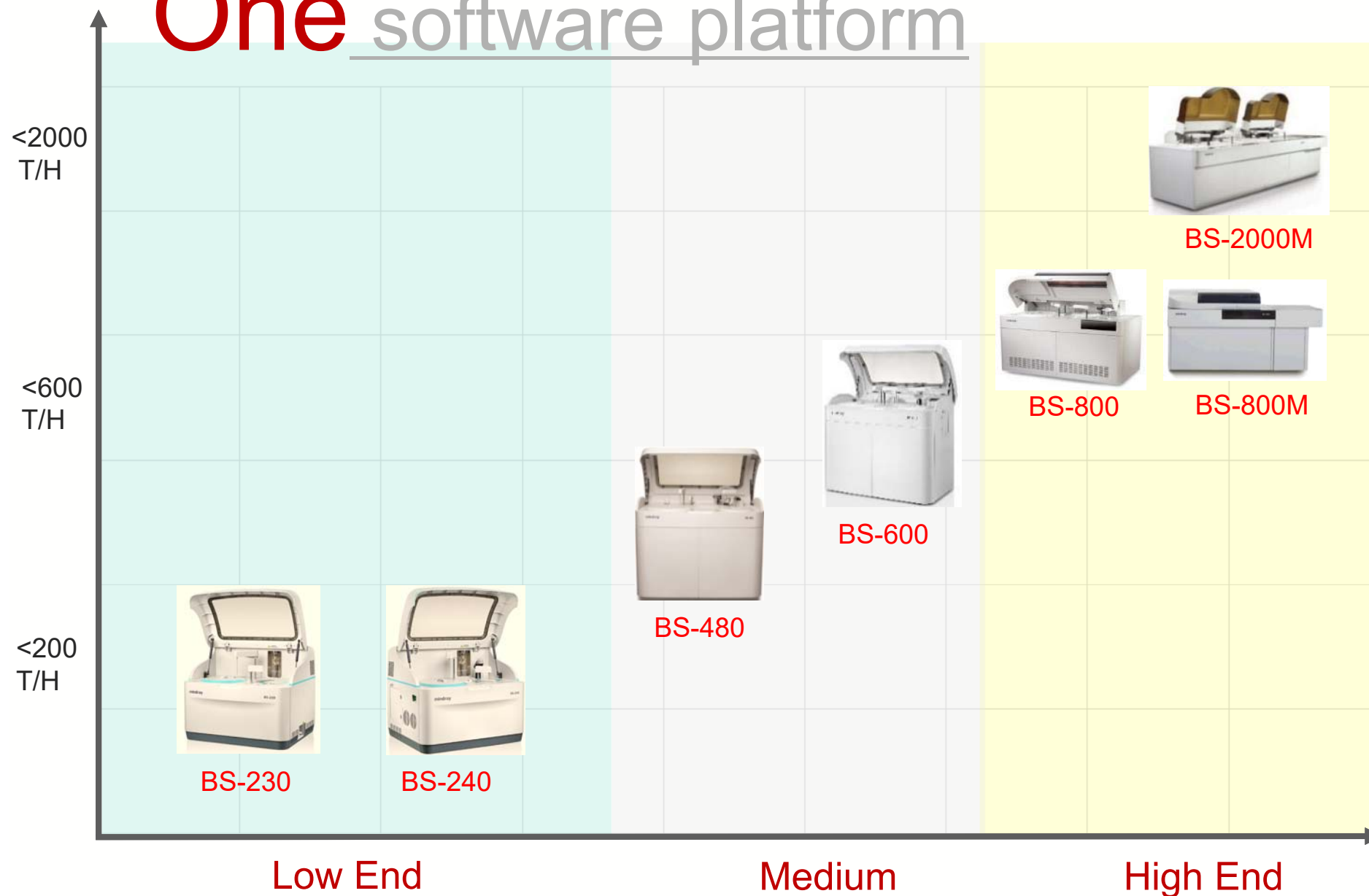
- ✓ 5 cuvettes in one segment
- ✓ 40 cuvette in one batch

A man with dark, curly hair and a goatee, wearing a light blue lab coat over a patterned shirt, is seated at a desk in a laboratory. He is wearing white gloves and is focused on a computer monitor, with his hand on the mouse. The background is a blurred laboratory setting with various equipment and greenery visible through a window.

Spent too much on
application training?

mindray

One software platform



mindray

Sample Request

Sample Disk
No.1 sample disk

Samples

Sa...	Po...	Tests
#1	11	0 * 1

Sample Information

No. 1 Position 11 Replicates 1 STAT

Type Serum Bar Code

Tests

ALT	GGT	Ca	Mg
P	TP	ALB	BUN
TBIL	CRP-ds		

Profiles

Profile1	Profile2	Profile3
Profile4		

Off-system Tests

Off-system t...	Off-system t...	Off-system t...
Off-system t...	Off-system t...	Off-system t...
Off-system t...	Off-system t...	Off-system t...
Off-system t...		

Predilution

None 30 * 10

ISE Analytes

K	Na	Cl

Details

Reagent Set

Reagents

Test	Lot No.	Exp. Date	Bar Code
ALT			
GGT			
Ca			
Mg			
P	216	R1	40000.0
TP	216	R1	40000.0
ALB	216	R1	40000.0
BUN	216	R1	40000.0
TBIL	216	R1	40000.0
CRP-ds	216	R1	40000.0

Estimated

Exp. Date 1/24/2008

Lot No.

Bottle No.

Bar Code

R2

Position

Bottle Type

Estimated

Exp. Date 2/10/2007

Lot No.

Bottle No.

Bar Code

OK Cancel

BS-200/200E
software

Standby/Standby

HOST Admin 01/14 10:04 AM

Sample Quality Control Status

Control Name Lot No. Sample Type Serum Status

Control Com-N Pos 1-3 Sample Cup Microtube

C4	IgA	IgM	IgG	CRP	S-NT	β2-mG	AFU	Fe
HCY	Hb-1	HbA1c-1	Hb-2	HbA1c-2	D-Dimer	MYO	IgE	FER
TRF	RBP	ACE	β-HB	UIBC	FUN	Na	K	Cl
H2O	TP-100uL	AST-对比	TP-1	GLU-OD-1	CO2-1	LIP-1	LDL-C-1	HDL-C-1
TC-1	CHE-1	HCY-1	DB-V-1	CKMB-1	ALB1			
HDL-P	S Prot-N	S Prot-P						

Options F2 Prev F4 Next F5 Discard F7 Save F8

Standby/Standby

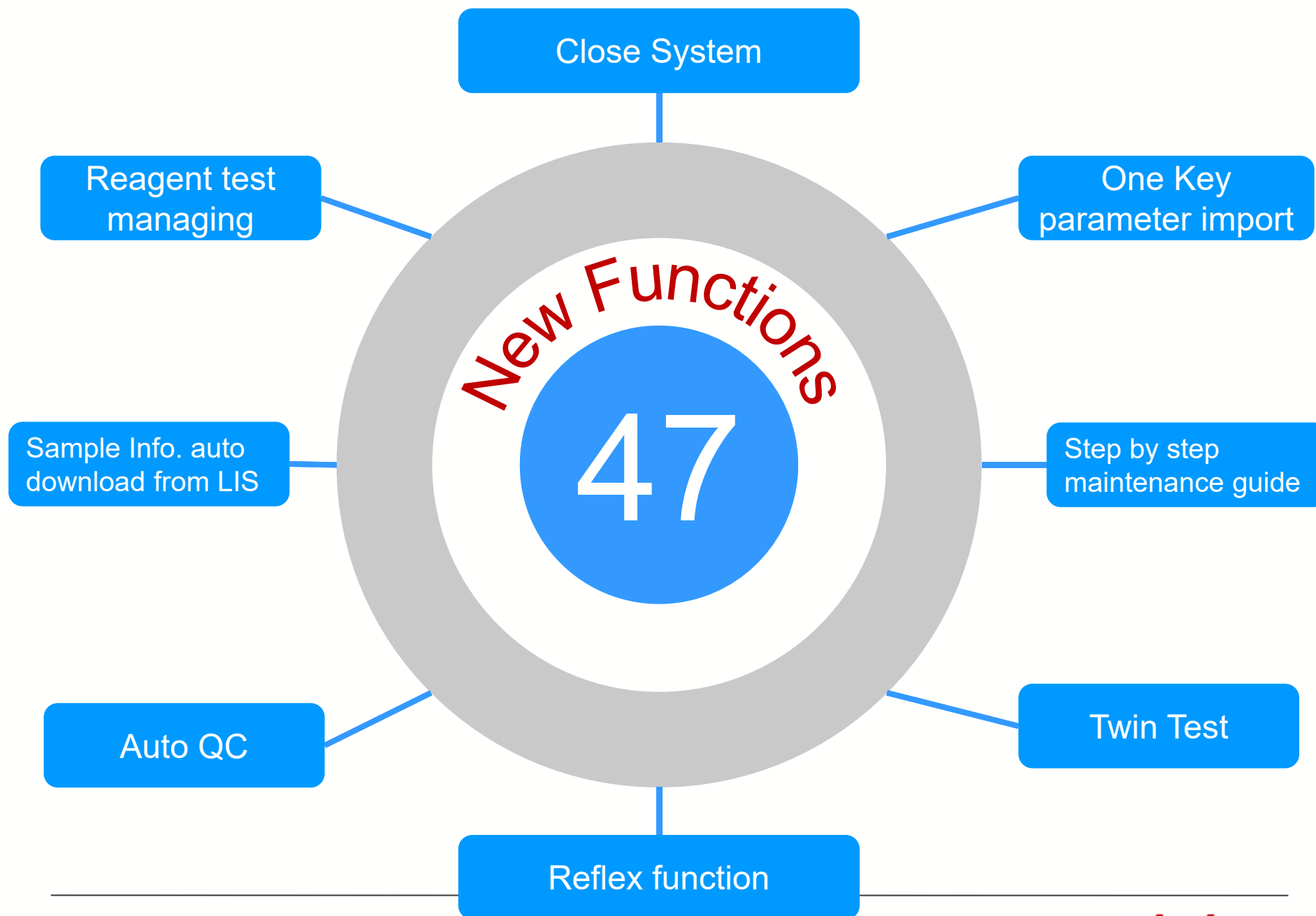
HOST

Program

Test	Lot No.	Exp. Date	Bar Code
60	S-NT	25	R1
20			R2
64	ADA	129	R1
30			R2
25	ALB	126	R1
36 M	ALB1	123	R1
42	ALP	135	R1
2			R2
41	ALT	156	R1
1			R2
48	ApoA1	31	R1
8			R2
49	ApoB	138	R1
9			R2

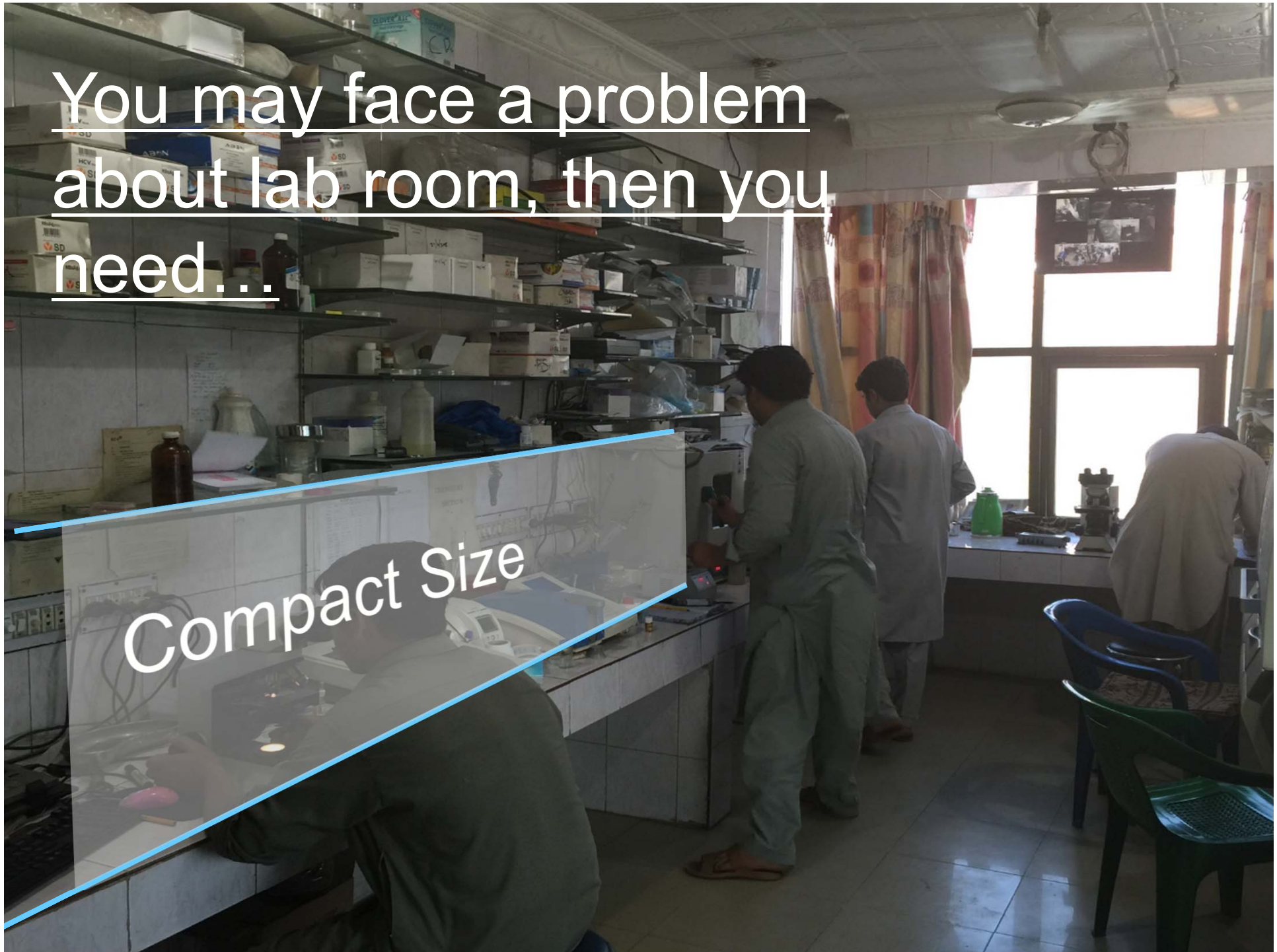
Load F1 End Load F2 Inventory F3 Load List F4 Cal F5 No Cal F6 Print F7 Cal Options F8

BS-230/240
software



You may face a problem
about lab room, then you
need...

Compact Size



-37%

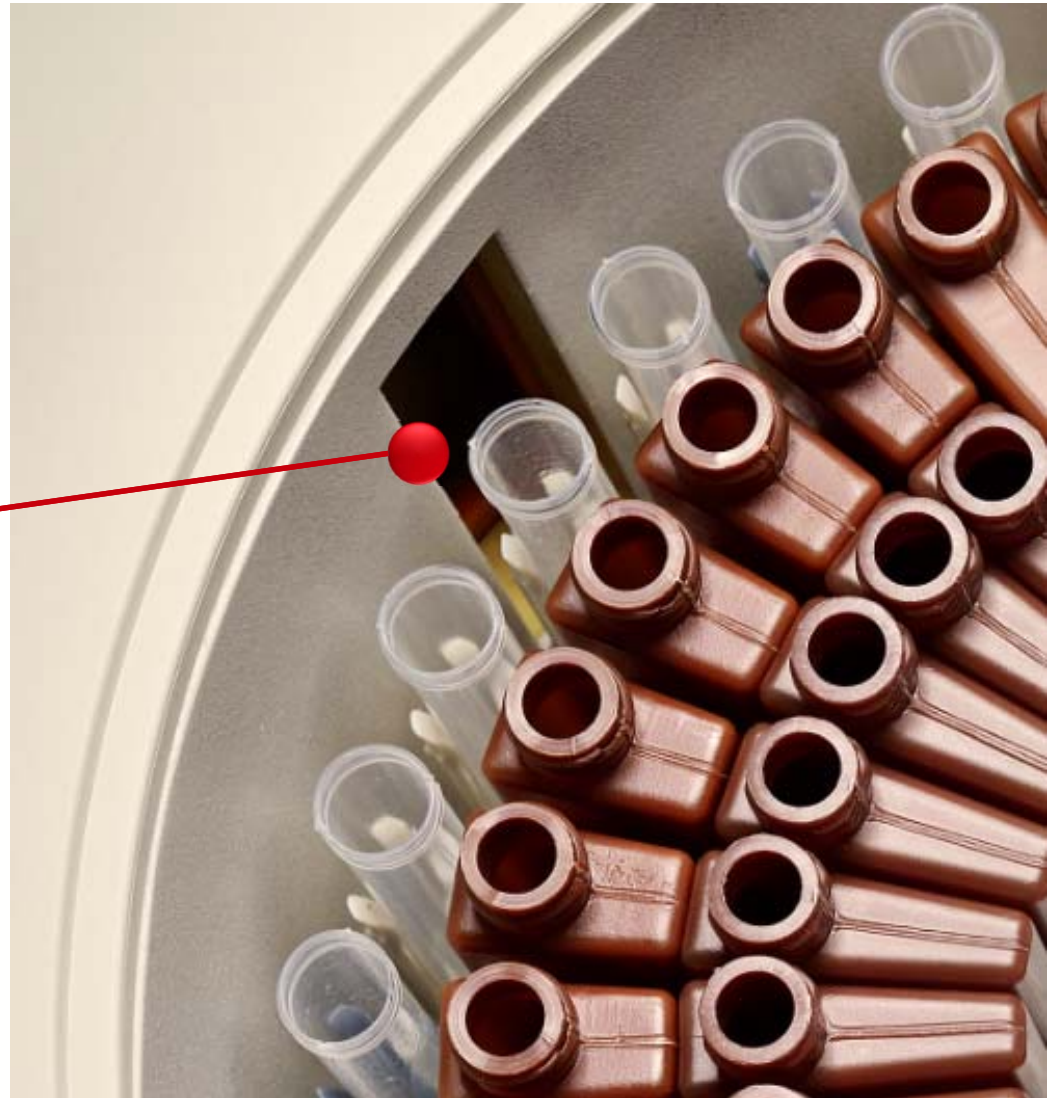
Smaller than BS-200E



mindray

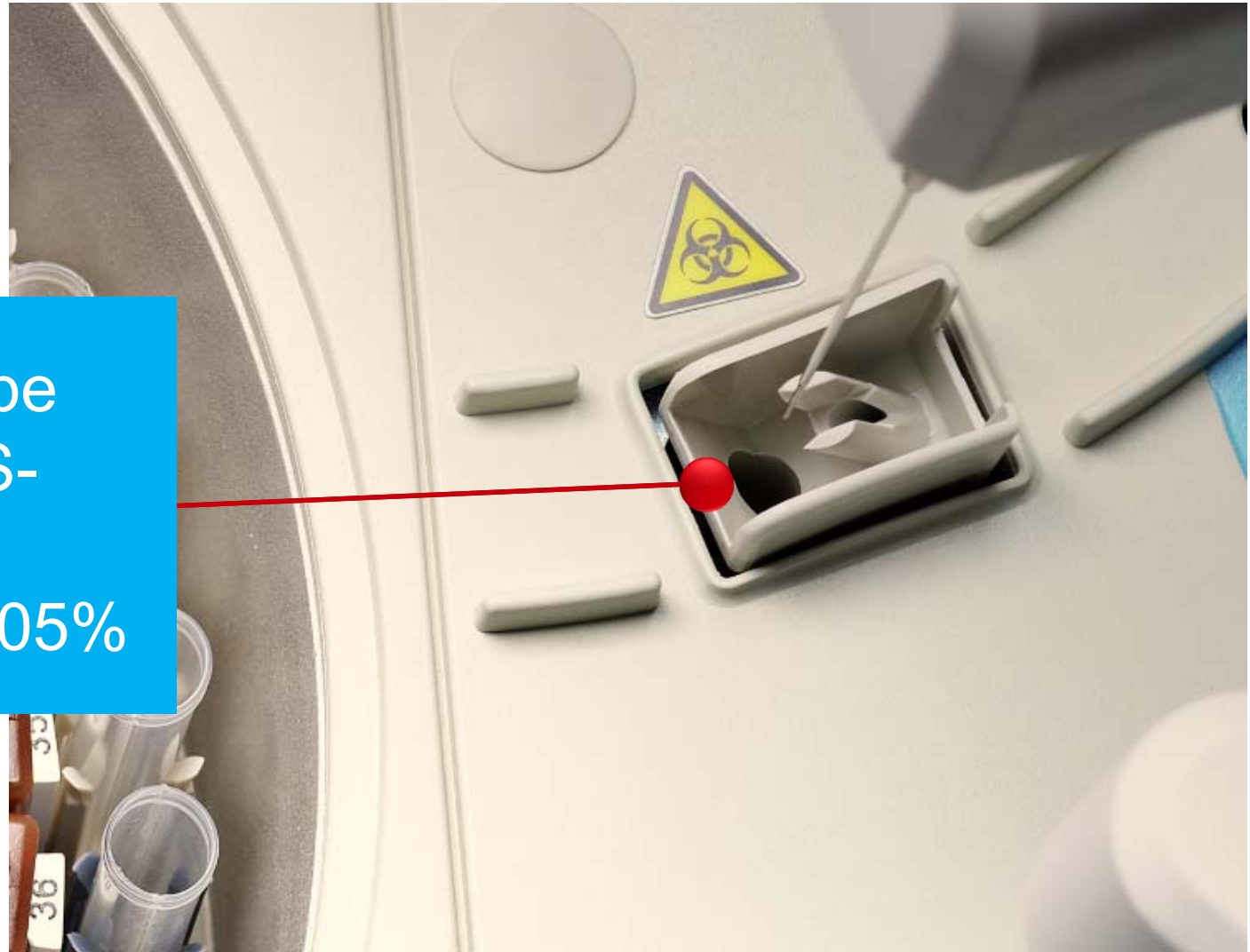
Compact Size with practical functions

Internal Barcode
reader (Optional)



Compact Size with practical functions

Waterfall probe
clean (like BS-
2000M)
Carryover<0.05%

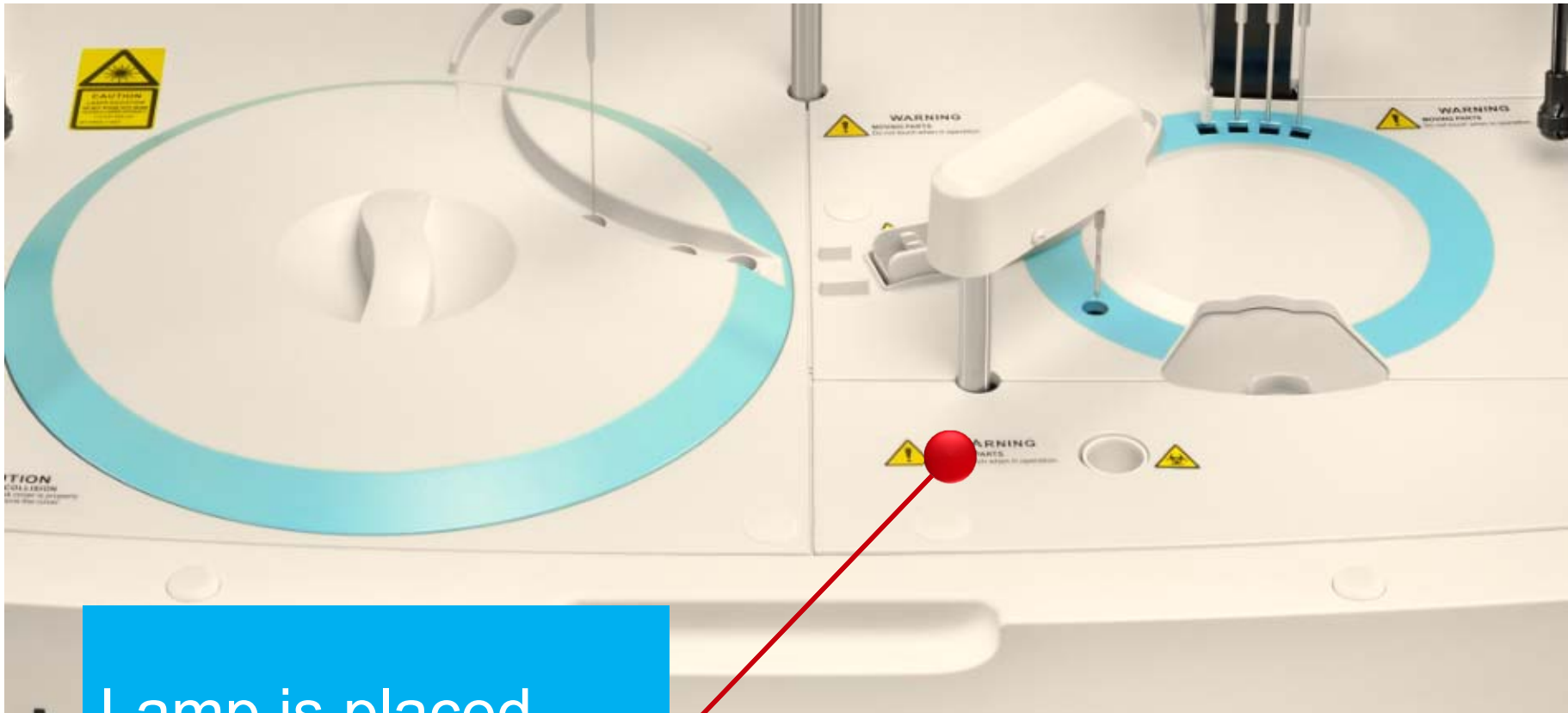


Compact Size with practical functions

ISE reagent package
loaded at right side
(more convenience)

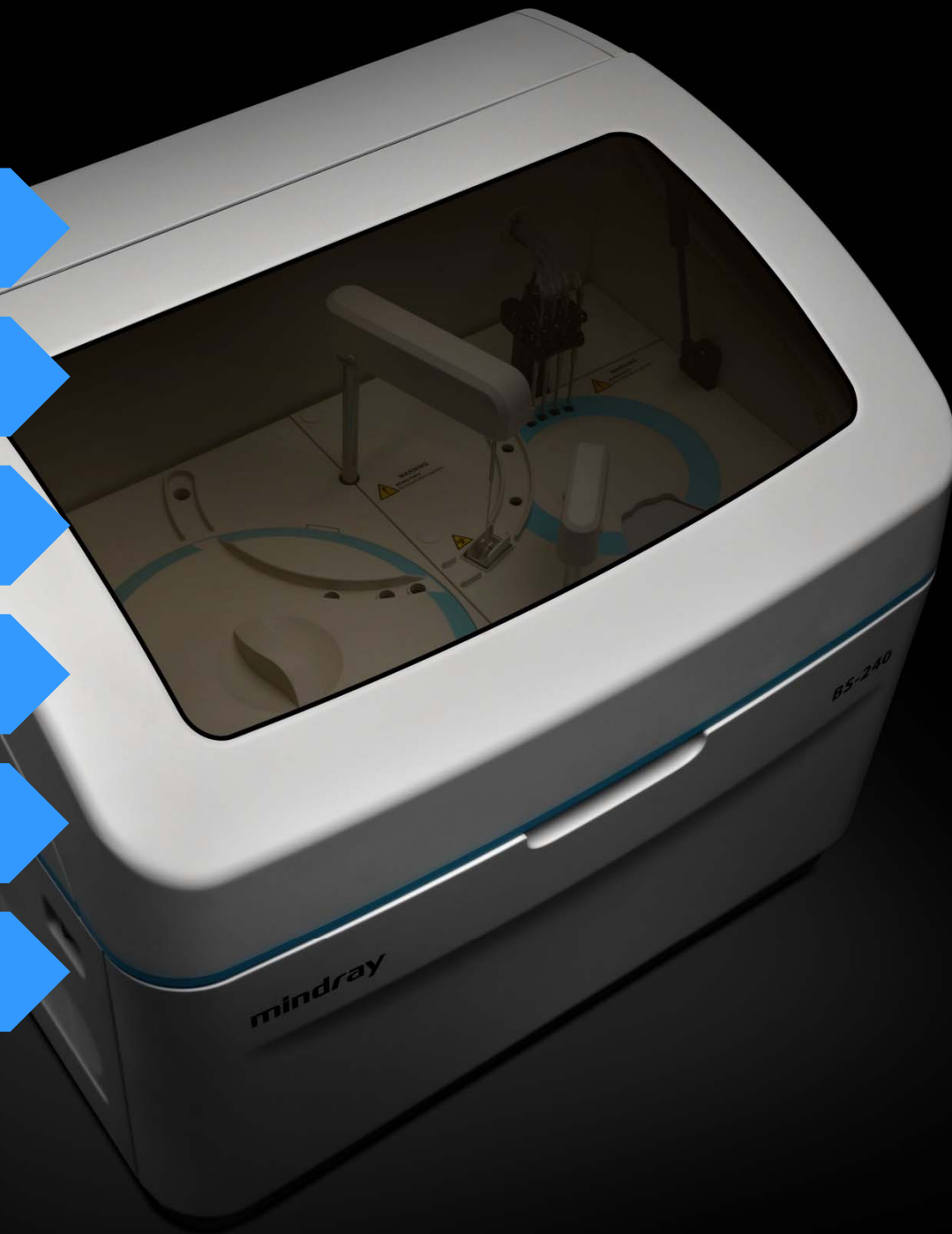


Compact Size with practical functions



Lamp is placed
close to operator

- 1 Whole Blood Testing for HbA1c
- 2 Flexible sample/reagent positions
- 3 100µl minimum reaction volume
- 4 Compact size
- 5 Auto-washing function
- 6 New software platform with more functions





	BS-230	BS-240
Washing Station	N	Y
Reusable Cuvette	N (disposable)	Y
Probe	Different	
Whole Blood Testing function	N	Y
Throughput	Same	
Dimension	Same	
Software	Same	

Thank You

Grupo
Emer
Veterinaria

