

# SST Lab Talk

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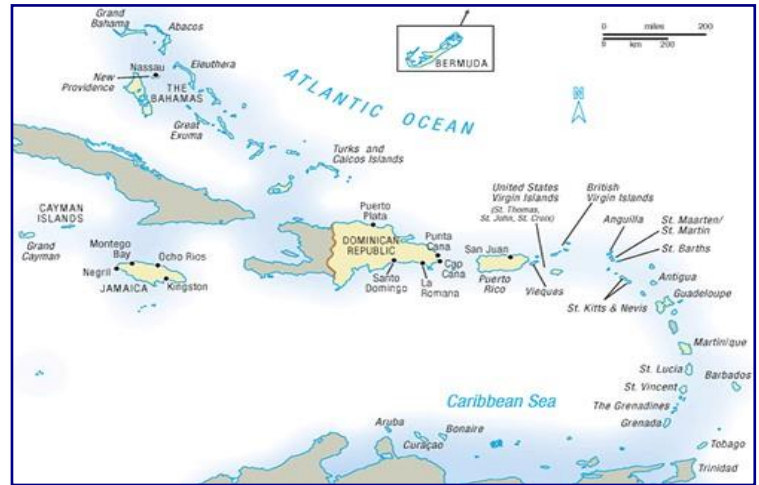
## Dog Days Of Summer!

To start off, we would like to extend our prayers and well wishes to everyone that has been effected by Hurricane Beryl in any manner. We will continue to keep in communication with all of our partners during this time of season to make sure everyone stays safe.

In this edition of our newsletter, we are excited to announce our renewed partnership with Biotechnica in Italy. We are now able to offer their BT3500 Chemistry Analyzer to help bring quality and reliable testing to all laboratories (see Page 2). We also have four new product lines that we are introducing in this edition of our newsletter.

The first is the digital pathology line from OptraScan. The OS-Lite is a great introductory offering into this space with a 15 slide capacity. With software options that allow you to collaborate with other pathologists around the world, this is a must as our healthcare options move forward (see Pages 3-4).

Secondly, we now offer the iChroma and AFIAS lines from Boditech. These are great testing options for



smaller labs and clinics that want to offer immunoassay testing, but don't have the higher volumes needed to warrant a larger instrument. Boditech has a complete line of assays to cover all disciplines of testing (see Pages 5-9).

Our third new product line is the Urea Breath Test System from Celis Biotech. This UBT uses a sample of exhausted breath to determine ongoing active H. Pylori infection (see Pages 10-11). The last new product lines are POC Electrolyte and Blood Gas Analyzers from Eaglenos. Both of these units are great additions to any size lab that needs the convenience and STAT testing ability of electrolytes and blood gas (see Pages 12-13).

The Euromex Microscope line from Holland are high quality made microscopes for education, life sciences, and industry. Let us help find the right fit for your needs (see Pages 14-15).

And don't forget to include SchuyLab for your LIS to help you keep up with the demanding needs as your lab continues to grow (see Page 16).

Lastly, you can always keep up on the latest in events that are happening throughout the healthcare world on Page 17.

You can always visit us at [www.sst-intl.com](http://www.sst-intl.com) to obtain current information, news, updates, and product brochures.

Warmest Regards,  
Jerry

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**CALL US  
TODAY!**

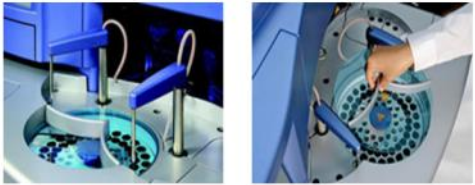
**Special pricing  
available now!**

When quality and reliability matter, the BT3500 Chemistry Analyzer from Biotecnica is the solution!



**BT3500 TECHNICAL SPECIFICATIONS**

ANALYSIS TYPE	Clinical Chemistry, Turbidimetric, DOA, LA, IL
THROUGHPUT BT3500	up to 360 Chem. Tests/hr + up to 190 BE Tests/hr
THROUGHPUT BT3500S	up to 360 Chem. Tests/hr + up to 240 BE Tests/hr
WATER CONSUMPTION	1420ml/hr@20%
BE MODULE BT3500	Na, K, CL, CO, Indirect potentiometry serum & urine
BE MODULE BT3500S	Na, K, CL, LI direct potentiometry serum, diluted urine
NUMBER OF REAGENTS	80 Total 40 using 60 or 80 ml vessels 40 using 10 or 20 ml vessels
REFRIGERATED REAGENT BAY	No
REACTION VOLUME	from 100 to 400 µl
SAMPLE VOLUME	from 1.8 to 300 µl
READING CUVETTES	48 non-disposable optical glass
SAMPLING ARMS	2, for Serum and Reagents
SAMPLE TRAY # OF POSITIONS	70 Total 42 Samples + 16 Standards and Controls
TEST MODES	Random Access, Batch, STAT
TEST DIRECTORY	Up to 500
CUVETTE TEMP. CONTROL	Peltier System OFF/30/32/37°C (to 0.2° C)
VACUUM PUMP SYSTEM	External
PHOTOMETER	Solid State 10 Channel-reference channel (SHIMADZU/ALOKA/STANLEY/ALOKA/70mm)
PHOTOMETER LINEARITY	Up to 3.0 O.D.
PHOTOMETER SENSITIVITY	± 1.0% Abs.
DELIVER	2= Long Life Ceramic 360 µl
DELIVER ACCURACY	± 0.4% LA
DELIVER RESOLUTION	0.2 µl
CLOT SENSOR	2= one for each sampling arm
BAR CODE	2= Reagent and Serum
BUILT IN QC PROGRAM	3 Levels Known, 3 Levels Unknown
MAINTENANCE	Software assisted
VETERINARY VERSION	OPTIONAL
COMPUTER	Internal Windows® PC
PROCESS ELECTRONICS	32 microcontrollers, 8 CRUS protocol
DEVICES	DIG. HV/8 USB, HD=100 Gb
OPERATIVE SYSTEM	Windows® XP Pro or later
PERIPHERALS	OPTIONAL, on request printer & UPS
MONITOR	Color LCD 12"
TOUCH-SCREEN	Glass Protected, resistive
KEYBOARD & MOUSE	International
INTERFACE	RS232-USB-LAN-VGA-Ethernet
REMOTE DIAGNOSTICS (MODEM)	Optional
POWER SUPPLY	Universal Input 100/240 Volt, 50-60 Hz, 500 Watt, PFC
DIMENSIONS	Height= 37", Width= 40", Depth= 27" (48x10x68cm)
WEIGHT	210 lb (95 Kg)



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Rev. 12/07 © Features may change without notice.



# OS-Lite








Improving Patient Outcomes With Affordable and Easy To Implement Digital Pathology Solutions






Create high resolution digital images and achieve greater efficiency.

<b>Slide Capacity:</b>	15 slides
<b>Magnification:</b>	20x (SD) or 40x (HD) (Digital zoom up to 60x)

**Key Benefits :**

-  Unparalleled image quality
-  Patented composite imaging ensuring 99% in-focus slide images
-  Automated tissue detection
-  One-touch walk away automation
-  Multi-Site collaboration
-  QR code, 1D, 2D, and barcode recognition
-  Cloud-enabled with instant cloud loading capability

**Features:**

-  Robust and easy installation
-  IMAGEPath image management system included for viewing, storing & archiving
-  TELEPath Telepathology included for real-time remote consultations



An ISO 13485 certified company  
OptraSCAN systems are CE mark for IVD use  
All OptraSCAN systems are for research use only in North America

## Technical Specifications

• <b>Imaging Mode:</b>	Brightfield
• <b>File Format:</b>	JPEG2000, TIFF
• <b>Slide Formats:</b>	Standard 25 x 75mm (1"x3") slides
• <b>Dimensions &amp; Weight :</b>	Approximate Width- 14", Length- 17", Height- 18", Weight- 44lbs
• <b>Resolution:</b>	0.25 to 0.32 $\mu\text{m}/\text{pixel}$ at 40x
• <b>Scanning Speed</b>	4-6 min at 40x for 15 x 15 mm tissue area
• <b>Image Storage Space:</b>	600 to 800MB at 40x (15x15mm tissue)

### IMAGEPath

Web-based Image Management and Viewing

- Access images anytime and anywhere
- Image sharing, collaboration and storage security
- Pan, zoom, annotate, generate reports
- User authentication and "role-enabled" access
- Image analysis plug-in available
- Audit trail functionality



### TELEPath®

Real-time Digital Conferencing

- Real-time sharing/collaboration
- Interactive chat



### OptraASSAYS Image Analysis

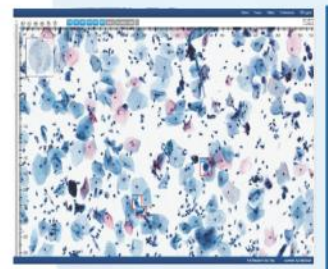
AI & ML based Image Analysis Solutions

- Turnkey analysis of ER, PR, Her2neu, Ki67, PD-L1
- IHC multiplexing assays
- Accurate, rapid & reproducible assessment
- Additional algorithms available with user configuration
- Biomarker quantification using nuclear, membrane & cytoplasmic stains



### Cytology Image Analysis

- Automated computation of sample adequacy for the whole slide cytology image
- Identification of abnormal cells and other entities based on morphological features and AI based classification
- Identification of reactive, endometrial, actinomyces, candida, clue cells, trichomonas vaginalis, and herpes entities
- Identification of entities including blood, inflammation, and lubricant





# Reliable Diagnosis of Patients on-the-Spot

Advanced Compact Immunofluorescence Analyzer

## ICHROMA™ II

- ▶ High performance with reliability
- ▶ Small, compact & light
- ▶ Multi-test function
- ▶ LIS/HIS compatible



Built-in printer



Built-in multi-timers



On-board QC & System check



Battery and AC operated

### Specifications

- 276 x 220 x 91 mm
- 1.3 kg
- 100 – 240V AC, 50-60Hz
- Battery (AA×4)

### QC/Calibration

- System check cartridge
- Internal & external controls

### Interface

- 7" touch screen
- Built-in thermal printer
- USB port / Ethernet
- SD card slot / WiFi
- LIS / HIS compatible

### Memory

- 1,000 patient results
- 1,000 QC results
- 100 User IDs

## ichroma™ Parameters

Category	Item	Sample type	Working range	Test time (min)
Cardiac	Tn-I	S/P	0.1-50.0 ng/mL	12
	Tn-I Neo	S/P	0.1-50.0 ng/mL	12
	Tn-I Plus	WB/S/P	0.01-15.00 ng/mL	12
	CK-MB	WB/S/P	3-100 ng/mL	12
	CK-MB Neo	WB/S/P	3-100 ng/mL	12
	D-Dimer	WB/P	50-10,000 ng/mL	12
	D-Dimer Neo	WB/P	50-10,000 ng/mL	12
	NT-proBNP	WB/S/P	10-30,000 pg/mL	12
	Myoglobin	WB/S/P	5-500 ng/mL	12
	Myoglobin Neo	WB/S/P	5-500 ng/mL	12
	hsCRP	WB/S/P	0.1-10.0 mg/L	3
	Cardiac triple	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	12
	ST2	WB/S/P	3.1-200 ng/mL	12
	BNP	WB/P	5-5,000 pg/mL	12
	Troponin T	WB/S/P	10-20,000 pg/mL	12
LDL Cholesterol Direct	S/P	10-300 mg/dL	10	
Cancer	PSA	WB/S/P	S/P: 0.1-100.0 ng/mL (WB: 0.5-100.0 ng/mL)	15
	AFP	WB/S/P	5-350 ng/mL	15
	AFP Neo	WB/S/P	5-350 ng/mL	15
	CEA	S/P	1-500 ng/mL	12
	CEA Neo	WB/S/P	1-500 ng/mL	15
	FOB Neo	Feces	25-1,000 ng/mL	10
	Cyfra 21-1	S/P	1-500 ng/mL	12
Diabetes	CA 19-9	S/P	8-1000 U/mL	12
	HbA1c	WB	(NGSP) 4-15 %	12
	HbA1c Neo	WB	(NGSP) 4-15 %	12
	Microalbumin	Urine	2-300 mg/L	12
	Cystatin C	S/P	0.1-7.5 mg/L	10
Hormone	TSH	S/P	0.1-100.0 µIU/mL	12
	TSH Plus	WB/S/P	0.1-50 µIU/mL	12
	T3	S/P	0.5-5.0 ng/mL (0.77-7.7 nmol/L)	16
	T4	S/P	10.23-300.00 nmol/L	16
	Free T4	WB/S/P	1-100 pmol/L	12
	FSH	S/P	1-100 mIU/mL	15
	Progesterone	S/P	4.45-127.20 nmol/L	15
	Total βhCG	WB/S/P	5-50,000 mIU/mL	15
	β-HCG Plus	WB/S/P	2-5,000 mIU/mL	12
	LH	S/P	1-100 mIU/mL	15
	PRL	S/P	1-100 ng/mL	10
	Testosterone	S/P	1-10 ng/mL	15
	Cortisol	WB/S/P	50-800 nmol/L	10
	AMH	S/P	0.02-15 ng/mL	12
	Infection	COVID-19 Ag	NS	qualitative
COVID-19 Ab		WB/S/P	qualitative	10
COVID-19/Flu Ag Combo		NS	qualitative	20
COVID-19 nAb		WB/S/P	qualitative	20
COVID-19 SP/NP IgG		S/P	qualitative	10
CRP		WB/S/P	2.5-300 mg/L	3
hsCRP All in one		WB/S/P	0.5-200 mg/L	3
PCT		WB/S/P	0.1-100.0 ng/mL	12
PCT Plus		WB/S/P	0.02-50 ng/mL	12
PCT Plus G		WB/S/P	0.02-50 ng/mL	12
IL-6		WB/S/P	2-2,500 pg/mL	12
ASO		S/P	25-800 IU/mL	12
Dengue NS1 Ag		WB/S/P	qualitative	12
Dengue IgG/IgM		WB/S/P	qualitative	12
HBsAg*		WB/S/P	qualitative	12
Anti-HBs*		WB/S/P	qualitative	15
Anti-HCV*		WB/S/P	qualitative	12
Influenza A+B		NS/Nasal aspirate	qualitative	10
RSV		NS/Nasal aspirate	qualitative	10
Influenza A+B/RSV		NS/Nasal aspirate	qualitative	10
NORO		Feces	qualitative	12
ROTA		Feces	qualitative	12
Adeno		NS/Nasal aspirate	qualitative	10
Rota/Adeno		Feces	qualitative	12
Strep A		Throat swab	qualitative	5
Mycoplasma		Throat swab	qualitative	10
IGRA-TB 25		P	qualitative	15
Toxo IgM*		WB/S/P	qualitative	12
Toxo IgG*		WB/S/P	qualitative	12
Toxo IgG/IgM*		WB/S/P	qualitative	12
RF IgM	WB/S/P	8-200 IU/mL	5	
Anti-CCP Plus	WB/S/P	3.5-300 U/mL (Semi-quantitative)	12	
Total IgE	WB/S/P	1-1,000 IU/mL	12	
Liver function	AST	S/P	10-1,000 U/L	15
	Ferritin	S/P	10-1,000 ng/mL	10
Other test items	Vitamin D Neo	WB/S/P	5-100 ng/mL	12
	Calprotectin	Feces	10-1,000 mg/kg feces	10
	H. pylori SA	Feces	qualitative	12
	KL-6	S/P	51-3,000 U/mL	10

\* No CE mark

WB = Whole blood, S = Serum, P = Plasma, NS = Nasopharyngeal swab

Versatile Desktop Fluorescence Immuno-analyzer

## AFIAS-6

- ▶ Sample-to-Answer POCT system
- ▶ Easy to use without pipetting with proprietary C-tip
- ▶ Up to 6 different parallel tests
- ▶ Reliable test results



### Specifications

#### QC/Calibration

- 2 calibrators & 2 controls
- Internal & external controls

#### Interface

- 7" touch screen
- Built-in thermal printer
- USB port / Ethernet  
SD card slot / RS232
- LIS/HIS compatible

#### Memory

- 5,000 patient results
- 5,000 QC results
- 500 ID chips
- 100 User IDs

#### Analyzer

- 420 x 336 x 293 mm
- 15.1 kg
- 100 – 240V AC, 50-60Hz
- Internal temperature control

Compact All-in-one Fluorescence Immuno-analyzer

## AFIAS-1

- ▶ Simple procedure with All-in-One cartridges
- ▶ Easy to use without pipetting with proprietary C-tip
- ▶ Quick test results with reliability
- ▶ Small, compact, & light



### Specifications

#### QC/Calibration

- 2 calibrators & 2 controls
- Internal & external controls

#### Interface

- 5" touch screen
- Built-in thermal printer
- USB port / Ethernet  
SD card slot / RS232
- LIS/HIS compatible

#### Memory

- 5,000 patient results
- 5,000 QC results
- 500 ID chips
- 100 User IDs

#### Analyzer

- 180 x 320 x 206 mm
- 3.9 kg
- 100 – 240V AC, 50-60Hz
- Internal temperature control

High-throughput Fluorescence Immunoassay with blood tube

# AFIAS-10

- ▶ Sample-to-Answer from blood tube
- ▶ 10 different tests in parallel
- ▶ Emergency test first during operation
- ▶ Bidirectional LIS/HIS



## Specifications

### QC/Calibration

- Internal & external controls

### Interface

- 10.1" touch screen
- Built-in thermal printer
- USB port / Ethernet
- SD card slot / RS232
- LIS/HIS compatible

### Memory

- 10,000 patients & QC results
- 100 ID chips
- 100 User IDs

### Analyzer

- 426 x 443 x 395 mm
- 20 kgs
- 100-240V AC, 50-60 Hz
- Internal temperature control

Multi testing Fluorescence Immuno-analyzer

# AFIAS-3

- ▶ AFIAS system for 3 parallel tests
- ▶ Extra tip station – faster TAT
- ▶ Compact system for multiple testing
- ▶ User friendly UI



## Specifications

### QC/Calibration

- Internal & external controls

### Interface

- 7" touch screen
- Built-in thermal printer
- USB port / Ethernet
- SD card slot / RS232
- LIS/HIS compatible

### Memory

- 5,000 patients results
- 5,000 QC results
- 500 ID chips
- 100 User IDs

### Analyzer

- 276 x 365 x 313 mm
- 9.3 kgs
- 100-240V AC, 50-60 Hz
- Internal temperature control



- **All-in-One Cartridge**

Ready-to-use reagent (single test format)

- ▶ Storage : 2-30 °C\* for 20 months
- ▶ Sample type : Serum / Plasma / Whole blood
- ▶ Packing unit : 24 tests/Kit
- ▶ Test time : 3-22 min/each

\* Some cartridges should be stored in 2-8 °C



- **Can use whole blood, Finger prick\* or Venous**

- No syringes
- No collection tube
- No pipettes
- No centrifuge

\* Finger prick blood testing is available for  
AFIAS Infliximab / AFIAS Free Anti-Infliximab / AFIAS Adalimumab / AFIAS Free Anti-Adalimumab



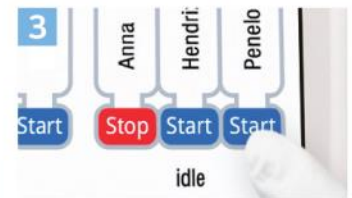
- **3 simple steps**



Step 1: Collect blood

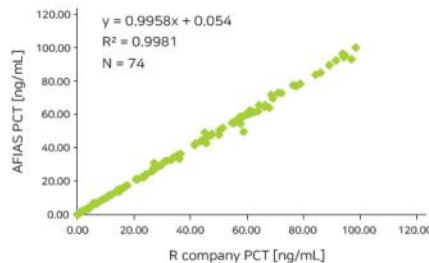


Step 2: Place the C-tip™



Step 3: Press START

- **Study Results**





Celis Urea breath Test System (SUBT-D1)

 **Reliable and smart**

Sensitivity: 95%+  
Specificity: 95%+  
Plug and play intelligent system

 **Simple installation and maintenance**

Automatically background calibration for first-time installation  
One button maintenance once a month

 **Portable design with User friendly software**

## Technical information

Parameters	Specification
Operating temperature	5°C ~ 40°C
Working humidity	≤75%
Working Atmospheric Pressure	86kPa ~ 106kPa
Warm-up time	> 41 minutes
Storage and transportation temperature	-10°C ~ 50°C
Storage humidity	≤75%
Count for 14C background	≤45CPM
Detection efficiency for 14C standard sources	≥15%
14C Relative change error of detection efficiency	≤25%
Power supply	AC 220V, 50Hz
Power consumption	40 VA
Fuse	250V 2.5A Φ5*20, 2pcs
Maximum size	350mm×290mm×250mm (L×W×H)
Maximum weight	Less than 25 kg
Classification	Class II, Class 2 pollution level equipment
Housing material	ABS plastic

Celis Biotech is a global medical device innovator specializing in Helicobacter pylori breath test of the gastrointestinal system.

Through our world-class talent and out-of-the-box thinking, we strive to empower physicians and patients by developing innovative technologies, which provide superior clinical outcomes and improve patient quality of life.

# Products

## Electrolyte Analyzer/Test Cartridges



### Easy to use

Analyzes whole blood samples



### Maintenance-free

No fluid pipes inside the device  
No reagent packs required



### Fast analysis

Results within 5 minutes by electrochemical technology



### Ionized magnesium(iMg<sup>2+</sup>) testing

Used for clinical monitoring of hypomagnesemia and hypermagnesemia



### “5-in-1” cartridge

Simultaneous testing of 5 parameters, including K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, iCa<sup>2+</sup>, and iMg<sup>2+</sup>



## Blood Gas Analyzer/Test Cartridges

### 34 parameters - blood gases, metabolites and electrolytes

**10 measured parameters:**  $K^+$ ,  $Na^+$ ,  $Cl^-$ ,  $iCa^{2+}$ , pH,  $pCO_2$ ,  $pO_2$ , Glu, Lac, Hct

**24 calculated parameters:**  $cH^+(T)$ ,  $pH(T)$ ,  $pCO_2(T)$ ,  $pO_2(T)$ ,  $pO_2(A-a)(T)$ ,  $pO_2(a/A)(T)$ ,  $RI(T)$ ,  $pO_2(T) / FiO_2$ ,  $cH^+$ ,  $iCa^{2+}(7.4)$ ,  $HCO_3^-act$ ,  $HCO_3^-std$ ,  $BE$  (ecf),  $BE(B)$ ,  $BB(B)$ ,  $AG$ ,  $sO_2(est)$ ,  $tHb(est)$ ,  $TCO_2$ ,  $pO_2(A-a)$ ,  $pO_2(a/A)$ ,  $RI$ ,  $mOsm$ ,  $pO_2 / FiO_2$



### ⚡ Maintenance-free & fast results

Accurate results in approximately 5 minutes Dry chemistry method, no reagent packs required, no flux limitation, no cross contamination

### ☑ Lightweight, portable & versatile

Weight:  $3 \pm 0.5$ kg(including battery)

Dimensions: 235mm x 210mm x 160mm

Built-in rechargeable lithium battery: can perform more than 50 continuous tests when fully charged

### ✂ Precise industrial design

High-performance sensors and integrated chips

Microfluidic technology and integrated liquid path control system

Special sample quantification design for easy sampling

## bScope

### HIGHLIGHTS

- Medical device class I – EU MDR 2017-745
- Provided with APL (Anti-bacterial Protection Layer)
- Microscopes for research and laboratories
- Monocular, binocular and trinocular models
- Digital models available
- HWF 10x/20 mm eyepieces
- Reversed ball-bearing quadruple or quintuple nosepiece with slot for polarization filter
- E-plan, Plan, E-plan IOS and Plan IOS objectives
- E-plan Phase, E-plan Phase IOS, Plan Phase IOS objectives
- Rackless integrated X-Y mechanical stage
- 3 W NeoLED™ adjustable illumination system
- Integrated carrying grip
- Cable Storage System
- 10 Years warranty

### TECHNICAL SPECIFICATIONS

#### EYEPIECE(S)

High wide field HWF 10x/20 mm secured eyepiece(s) with 20 mm field of view.  
The eyepiece of monocular models is supplied with pointer

#### HEAD

- The bScope is available with a monocular head (45° inclined Ø 23.2 mm tube) or with a Siedentopf type head, 360° rotatable, with 30° inclined Ø 23.2 mm tubes
- Binocular and trinocular models are equipped with a diopter ± 5 adjustment on left eyepiece
- The interpupillary distance is adjustable between 48 to 76 mm
- The models equipped with plan infinity corrected PLI objectives have a unique swiveling system of the eyepiece tubes for ergonomic positioning of both tubes in a high (431 mm) and in a low position (377 mm)
- The trinocular head comes with a Ø 23.2 mm tube, ensuring a maximum of flexibility and has a fixed light path beam splitter (20:80) and generates an erect image
- Models with an integrated USB-2.0 camera are supplied with a 5.0 MP 1/2.5" CMOS sensor with a resolution of 2592 x 1944 pixels (see page 4)

#### NOSEPIECE

Revolving and reversed ball-bearing quadruple or quintuple nosepiece

#### OBJECTIVES - 45 MM PARFOCAL

The state-of-the-art production techniques and multi layer coatings used for the manufacturing of the bScope objectives enable the bScope to be used for the most demanding applications. World class spherical aberration correction and modern CNC and assembly technology ensure the perfect centering of the objectives



BS.1152-PLi

MONOCULAR MODEL BS.1151-XXX	385 (h) x 195 (w) x 235 (d)   6.3 kg
BINOCULAR MODEL BS.1152-XXX	409 (h) x 195 (w) x 235 (d)   6.5 kg
TRINOCULAR MODEL BS.1153-XXX	459 (h) x 195 (w) x 235 (d)   6.6 kg

- Brightfield models: E-Plan, Plan, E-plan IOS infinity corrected, Plan IOS infinity corrected 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S60x/0.85 and S100x/1.25 oil immersion objectives
- Phase contrast models: E-plan Phase, E-plan Phase IOS infinity corrected, Plan Phase IOS infinity corrected 10x/0.25, 20x/0.40, S40x/0.65 and S100x/1.25 oil immersion objectives
- Darkfield model: E-plan 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S60x/0.85 objectives. The S100x/1.25 oil immersion objective has a built-in iris diaphragm

*All S40x, S60x and S100x oil immersion objectives are spring loaded. All optics are anti-fungus treated and anti-reflection coated for maximum light throughput*

#### FOCUSING

Double coaxial, low-positioned coarse and fine adjustments with 180 graduations. Precision 1.11 µm, 200 µm per rotation, total travel range approximately 19 mm. Supplied with an adjustable rack stop to prevent damage to sample and objectives. The coarse adjustment is equipped with friction control

## iScope®

### HIGHLIGHTS

- Medical device class I – EU MDR 2017-745
- Provided with APL (Antimicrobial Protection Layer)
- EWF 10x/22 mm and EWF 10x/20 mm eyepieces
- Binocular and trinocular models
- Multihead and face-to-face dual head systems
- Optional tilting head
- Quintuple reversed nosepiece
- Plan, phase and darkfield illumination
- 187/230 x 140 mm rackless stage
- 3 W NeoLED™ Köhler illumination
- iCare sensor for energy saving
- 10 years warranty

### SPECIFICATIONS

#### EYEPIECES

- Extended plan wide field EWF 10x/20 mm eyepieces with 20 mm field of view and adjustable diopter on the left eyepiece for finity corrected systems (Ø 23.2 mm tube. Tube length 160 mm)
- Extended plan wide field EWF 10x/22 mm eyepieces with 22 mm field of view and adjustable diopter on both eyepieces for infinity corrected IOS plan and plan phase systems and adjustable diopter on the left tube for EPLI systems (Ø 30 mm tube. Tube length 200 mm)

#### HEAD

- Binocular and trinocular Siedentopf type heads with 30° inclined tubes. Interpupillary distance from 48 to 76 mm.
- The trinocular head of the Plan infinity corrected models (IS.1153-PLI) has an optical path selector (100:0 / 50:50) and ± 5 diopter adjustments on both Ø 30 mm tubes
- The trinocular head of the E-Plan infinity corrected models (IS.1153-EPLI) has a fixed built-in beamsplitter (50:50) and ± 5 diopter adjustment on the Ø 30 mm left tube
- The trinocular head of the E-plan finite models (IS.1153-EPL) has a fixed built-in 50:50 beamsplitter and one ± 5 diopter adjustment on the Ø 23.2 mm left tube
- A unique rotating system allows the ergonomic positioning of both tubes in a high (431 mm) and in a low position (397 mm)
- The trinocular head comes with a Ø 23.2 mm photo port

#### ERGONOMIC TILTING HEAD

Optional ergonomic 5 to 35° tilting head supplied with EWF 10x/22 mm eyepieces, interpupillary distance 48-75 mm and optional photo attachment with standard Ø 23.2 mm tube (only infinity corrected models)

To order an iScope® with tilting head use reference IS.1158-xxx

To order an iScope® with tilting head and photo tube attachment use reference IS.1159-xxx



IS.1152-PLI ●

IS.1152-PLI

408 (h) x 210 (w) x 255 (d) mm | 9,0 kg

#### FACE-TO-FACE HEADS

- The iScope® can be supplied with two heads in a face-to-face configuration allowing simultaneous observation by two operators
- The 30 mm diameter tubes of the head are equipped with EWF 10x/20 mm eyepieces
- The main binocular head has one diopter adjustment, the second head has two adjustments
- Only available for the model with plan infinity corrected objectives (IS.1154-PLI/T)
- The face-to-face head is equipped with a 2-color laser pointer

#### MULTIHEAD SYSTEM

- The iScope® can be extended with a unique multihead system for in total two, three or five heads, allowing simultaneous observation of specimens.
- The central attachment is equipped with a joystick to move a green and red laser pointer across the entire field of view of all heads
- Configurations with one, two or four additional viewing binocular heads, 30° inclined tubes and plan 4x, 10x, S40x, S100x oil immersion infinity corrected IOS objectives
- Each extra viewing binocular head is equipped with extended wide field plan EWF 10x/22 mm eyepieces

(references: IS.1156-PLI-x, x = total number of heads)

# SchuyLab

## Laboratory Information System



### Take Control of Your Laboratory

#### Affordable LIS Solution

SchuyLab is a full-featured LIS that is simple and easy to use, yet affordable.

#### Adaptable To Your Needs

SchuyLab flexible format allows more user defined options, and is scalable to your laboratories needs.

#### Improve Workflow Efficiency

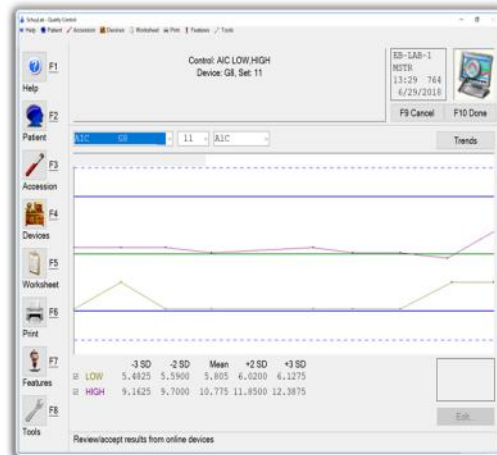
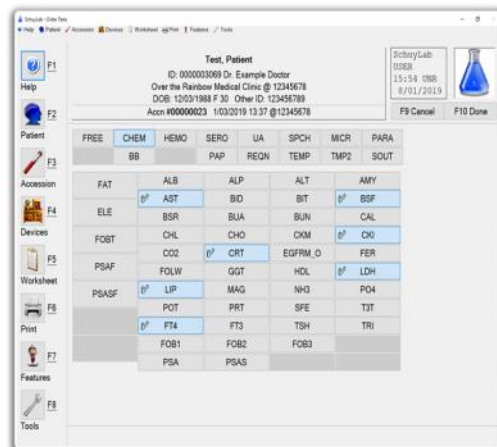
Simplified specimen handling, test or ordering and resulting streamlines your lab's daily operations.

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Experienced and dedicated support specialists available 24/7 to ensure prompt friendly support when you need it.

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