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30 JUN 2025



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ETILABEL

Voie du Verger

27100 VAL DE REUIL

France

Quotation no: **AQ2507973 - 01**

Date: 26/06/2025

Subject: Etlabel_TSDS_ABG

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Contact-No.	ACU230006	BST Sales	
Contact		Contact	Tondu, David
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Email		Email	David.Tondu@bst.group

We thank you for your inquiry.

Offer according to the following application parameters:

Machine:	ABG rewinder
Max. web width:	330 mm
Max. speed:	300 m/min

Item	Quantity	Description	Price
10	1	TubeScan Print Inspection System The TubeScan is designed as an optical quality assurance system to be used in high quality printing. The intelligent combination of imaging technology and the strobe principle allows a simple and reliable quality check during printing or finishing. The system consists of a modular designed, highly integrated PC system and a digital camera unit. High-level camera technology and advanced operating elements are used together with the latest microelectronics. TubeScan is available in the variants digital strobe, digital strobe XL and eagle view, which include the following functions:	24.000,00 € incl. 11.97% Discount
	1	TubeScan Digital Strobe 330 Web Viewing System for web width < 330 mm including: • TubeScan Image Capture System with digital camera • high power LED illumination • power supply 100V - 240V, 50/60Hz • friction wheel encoder with spring load bracket and cable • TubeScan Digital Strobe software • menu guided graphic GUI for intuitive touch operation • automatic repeat synchronization by reference image	

Item	Quantity	Description	Price
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- no additional print mark sensor required
- 1 Touch monitor for operation
- 1 Full HD monitor for high-speed web viewing
- 1 Desktop PC with Intel CPU with Windows 10 (64 bit operating system)

System:

- Operating mode Fine Inspection (Digital Strobe++)**
Upgrade of a TubeScan web monitoring system to a TubeScan++ inspection system
 - detection of missing labels and fine print inspection for small defect sizes featuring:
 - job management
 - multi-zone processing (adjustable inspection sensitivity)
 - masking function
 - auto matrix detection
 - selectable 'averaging' mode
 - fine-text algorithm
 - inspection on up to 20 lanes with adjustable width
 - individual defect counter per lane
 - global repeat and defect counter
 - generation of binary defect output upon finding a defect (150 mA, 0 V low, +24 V high)
- 'Turbo Speed' extension**
Speed extensions for applications with higher web speeds or performance requirements based on HS cameras and 4k graphics adapters
- Power cord EU**
Power cord with plug type for EU.
- UPS 230 V**
Uninterrupted Power Supply
Protects the TubeScan against unexpected power loss and by this also against disordered shut-down. In the case of unexpected power loss, the TubeScan will be automatically shut-down in regular manner.
Additional integrated overvoltage protection for the TubeScan electronic.
Power infeed 230 V AC

Camera unit 1:

Technical Information

TubeScan:	DS 330
Camera width:	410 mm
Camera height:	290 mm
Inspection width:	330 mm
extended to:	without extension
Max. inspection speed:	400 m/min
Speed level:	Turbo Speed extension
Camera type:	4000 px option
System resolution:	0.0833 mm/px



Item	Quantity	Description	Price
		Defect size in homogeneous areas:	0.03 mm ²
		Defect size in structured areas:	0.06 mm ²
1		Camera type 4000 Camera option with higher resolution using 2 cameras (4000 Pixel)	
1		Roll Guided Backing Bar for TubeScan DS 330 & 370 Backing bar with rotating support rollers for sensitive materials including black / white acrylic contrast plate. Note: The material web may wrap around the rollers by max. 3°	
1		Camera Front Mounting Brackets Front mounting bracket for slot mounting of the camera housing (content: 2 x left, 2 x right, 8 screws with slot keys)	
		User interface:	
1		Operator Monitor 22" Multitouch monitor for intuitive operation	
1		Extension Cable Set 5 m Extension of the video, touch and power supply cables to a total of 5 m consisting of: • 2 x 5 m HDMI cable to the operating and viewing monitor • 1 x 3 m USB cable to the operating monitor • 2 x 3 m extension power supply cable to the operating and viewing monitor • 1 x 3 m extension cable DC jack for the power supply of the TubeScan	
1		View monitor 22" Parallel display of the live image and found defects on an additional viewing monitor	
		Functions:	
1		Placement Queue for Rewinder • rewinder control via SlowDown / FinalStop or DefectFound signals • configurable delay distances • defect queue with speed adaptation Please note: Rewinder must be prepared for signal transmission (slow-down and final stop) as well as sufficient stopping distance between camera unit and stop position (e.g. splicing table).	
1		Placement Queue Cable from V10 Controller Board and higher versions (06/2019 SN 40.xxxx)	
		Documentation / Manual:	
1		Document type CD and User Manual User manual including assembly and maintenance instructions on CD-	

Item	Quantity	Description	Price
		ROM and in printed edition.	
		You can also find all documentation in other languages as well as additional information at https://bst.help/s/tubescan .	
1		1st Language English	
		Current lead time 5-7 weeks Subject to technical clarification	
		Warranty period 12 months The warranty period is regulated in our general terms and conditions. The warranty period begins with the delivery of the product (passing of risk), not after commissioning.	
		General conditions	
		Standard service rate	
		Total	27.263,00 €
		less 11.97% Discount	3.263,00 €
		Total net	24.000,00 €
			excl options

Option 1 not included in the total price

Item	Quantity	Description	Price
30	1	Commissioning and training Total 1.25 man-days (max. 10 hours each) on site. Also included in the price are the costs for the one-off arrival and departure time, hotel and travel expenses and daily expenses. The assignment is carried out on weekdays (Monday-Friday; except Sundays and public holidays and/or during night shifts). Prerequisites for the performance of the work during the above-mentioned period are that when the BST technician arrives, all mechanical system components are set up or installed, all cables are laid and connected and the machine is ready for production. Any additional costs, the cause of which not attributable to the fault of BST (e.g. waiting times caused by the fact that the printing material is not ready for production for machine of the BST commissioning) will be charged according to the current service rates separately.	
30.1.1		* Field Service department BST eltromat France	
30.1.2	1	Product TubeScan The scope of services offered is specifically tailored to the TubeScan. In addition to the basic system, the following equipment is considered: Placement queue for rewinder.	
30.1.3		Product quantity The service is to be provided for 1 TubeScan (s).	
30.3.1	1.25	Commissioning and training 1.25 working-day(s) (max.10 hours each)	

Item	Quantity	Description	Price
		Commissioning includes starting the system for the first time with subsequent parameterization and an operator training. The delivery of electrical and mechanical installation materials and their installation are not included in the scope of delivery and services of the commissioning.	
30.5		Total Duration on site 1.25 working day(s) (max. 10 hours each) duration for the desired service assignment depending on the selected service task.	
30.6		* Current lead time upon request Subject to technical clarification	
		Total - Option 1	1.937,50 €
		less 7.1% Discount	137,50 €
		Total - Option 1 net	1.800,00 €

Delivery conditions:

CPT Carriage Paid To (Incoterms 2020)

Freight and packaging excluded

Terms of payment:

(individual payment conditions)

40% à la commande, solde après mise en service à 30 jours de facturation

This quotation expires on:

26/09/2025

Our deliveries and services are based on our general Terms and Conditions.

In particular we refer to the reservation of property in all its forms.

Our general Terms and Conditions are available on our homepage

<https://www.bst.elexis.group/en/global/general-terms-and-conditions>.

Attention: Deliveries from these goods/products, software, technologies into other countries (e.g. embargo affected countries) or other receivers can be subject to authorization or can be prohibited. We refer to the current Embargo restriction of the European Union.

Info: Germany: www.bafa.de

The Customer warrants that the supplied goods will not be (re-)exported to or for the use in Russia or Belarus. If the Customer (re-)exports the supplied goods to or for the use in Russia or Belarus, the Seller has the right to terminate the contract with immediate effect and will notify the competent authorities of the respective breach.

Kind regards

BST eltromat France

26/06/2025 08:11

Signature

IVO
30 JUN 2025
Ba Par Acs

Signature

Etilabel
ETIQUETTES ADHESIVES

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