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Sarl au capital de € 207630
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Relations bancaires

BNP PARIBAS Verrières le Buisson
Agence 01326
Cpte 2701563733
BIC : BNPA FR PP MAS
IBAN : FR76 3000 4013 2600 0270 1563 733

SPS Medical
ZI - 5, rue de Montigny
77120 COULOMMIERS

FRANCE

att.: M. Lefort

Verrières, le 28/11/2023

Offre N°: AQ0026309 R3

Poste	Quantité	Description	Prix unitaire
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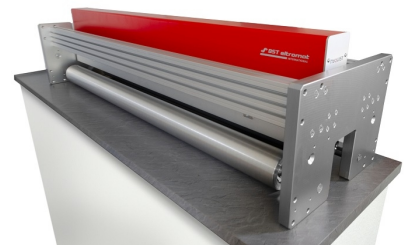
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|----|---|--|--|
| I. | 1 | TubeScan XL PRESS
Wide Web 100% VIEWING,
COUNTING and PRINT INSPECTION SYSTEM
with specific PRESS Package
for HIGH SPEED applications | |
|----|---|--|--|

pour machine de type:
impression / lamination

Machine

pour les données techniques suivantes :
largeur max. de la bande: 985
largeur maximum d'impression: 0
vitesse max. de la machine: 100

The TubeScan XL is designed as an optical quality assurance system for quality printing in the flexible packaging market .
The intelligent combination of imaging technology and the strobe principle allows a simple and reliable



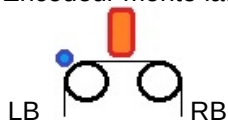
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|---|---|---|--|
| 1 | 1 | TubeScan Digital Strobe XL
1100/7200 PRESS | |
|---|---|---|--|

100% high speed print image control for web widths up to 1100 mm consisting of:

- 1 TubeScan camera unit
- with 3 digital HD cameras with each 2400 pixel resolution
- High power illumination with LEDs
- Power supply with wide voltage range
- Rotary encoder with spring suspension, incl. measuring wheel and cable
- 1 TubeScan Digital Strobe Software

with graphical user interface,
menu-driven,
for intuitive touch control

- automatic image synchronization
via reference image
- no additional print mark sensor
necessary
- 15" touch screen
for program operation
- 32" 4k Full HD screen
for live image display
- 1 desktop PC with Intel i7 CPU
or better
- Windows 10 (64 bit operating system)
- 4k graphics card
- Backing Bar
incl. backlight
with translucent cover and
black/white acrylic contrast plate
- Universal mounting frame UMF
 - for mounting the
Tubescan XL camera housing
 - Web guiding by means of two rollers
diameter 100 mm
length 1150 mm
 - Traverse for encoder mounting
- Conditions d'installation: LB_RB
- Encodeur monté latéralement: LB



- Electrical control cabinet, incl.:
 - mounting plate
 - cable duct
 - UPS, 230 V
 - Wiring, internal
 - Binary I/O module
 - Cooling fan
 - Cable set camera unit to PC 4 m
 - Cable set monitors to PC,
max. 50 m
made by solution receiver - extender
 - Alarm set (red/green traffic light)
 - Base for floor mounting
 - Color: RAL 7035

Note: The maximum distance
between the Tubescan camera housing
and the electrical control cabinet is 4 m

mounting way:
l'assemblage du so

Positions of cable glands:

Camera: LT (en haut à gauche)
Monitor: LT (en haut à gauche)
Alarm Set: LT (en haut à gauche)
LAN: LT (en haut à gauche)
I-O: LT (en haut à gauche)
Power supply: Bottom (Bas)

Function modules integrated into the TSDS XL PRESS:

- ++ Version print image control
- Dynamic Roll Map
- Storage of all detected defects per lane
- Graphical display with zoom function
- PDF error log (Roll report manager)
 - Display of reference image
 - Graphical display of the detected defects per web and linear meter
 - Output to printer possible
- Error memory with adaptive speed adjustment

Information technique 'TubeScan Digital Strobe XL PRESS 1100 mm':

- Standard Inspection width: 1100 mm
- Max. theoretical physical inspection width (upon request, after verification): 1120 mm
- Camera housing width: 1210 mm
- Camera housing height: 290 mm
- Resolution: 7200
- Max. speed incl. Turbo Speed Extension: 400 m/min
- Max. speed for 100% VIEWING: 400 m/min
- Resolution per square pixel: 0,167 mm
- Resolution in Pixel/mm²: 36
- Number of Cameras 100 % View: 3
- Stripe height in mm (only as indication): 6 mm
- Expected defect size: 0,6 x 0,6 mm
- Expected defect size surface: 0,4 mm²
- Weight (TDXL + backing bar): 31 kg
- Total weight (TDXL incl. UMF): 99 kg

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1 Qlink PRESS XL

- additional internal (at the Tubescan PC installed)
 - 2 TB solid state drive (SSD)
 - hard drive for data backup
- 1 Real Time Editor to edit the defects at the protocol
- 1 License DAM (Data Archiver Management) software requires TSDS XL with ++ version

Prix total, départ usine.....
Remise exceptionnelle

€ **48 715,00**

Prix net total.....

€ 44 000,00

II. **Station qualité :**3 1 **QLink Editor**

- Second working place on customer PC within customers LAN.
- Based on installed QLink Press and QLink Rewinder.
- Allows the additional editing of reals from a customer workstation.
- In addition to a real time editor at the printing machine.

consisting of:

- QLink Editor license

Note

The customer PC must meet at least the following hardware requirements:

Windows 10 x64

.net Framework 4.8

C++ Redistributables 2019

CPU

x64, quad core, 2.5 GHz

RAM

4 GB or more

for storage

2 GB

Networking

Gigabit

If the customer wants to purchase Qlink Editor already on a BST PC, an i5 Optiplex is required.

Prix total, départ usine.....

€ 3 050,00

Remise exceptionnelle

€ 2 700,00

Prix net total.....

III. **Service :**

4 1 Visite de clarification technique sur site SPS

5 1 Réalisation de plan 3D pour intégration caméra sur machine

6 1 Installation, mise en service et instruction des opérateurs

- 5 jours sur site
- frais de transport et hébergement
- suivi en production avec les utilisateurs

Prix total, départ usine.....

€ 6 200,00

Remise exceptionnelle

Prix net total.....

€ 5 900,00

IV. **Kit t'intégration mécanique :**

7 1 Interface mécanique TubeScan / Machine SPS

8	1 Kit viserie et supports		
9	1 Main d'oeuvre sur site		
	Prix total, départ usine.....	€	2 500,00
10	Remise exceptionnelle		
	Prix net total.....	€	2 250,00
	Prix total PROJET (système & service), départ usine.....	€	54 850,00
	Remise sous réserve d'une commande avant le 30/11/2023		
	Prix total REMISE SUPPLEMENTAIRE, départ usine.....	€	50 000,00
	Commande passée ce jour 28/11		

CONDITIONS COMMERCIALES

Conditions de garantie:

1 an après la date de facturation

Livraison:

CPT Incoterms 2020 excl. fret et emballage

Conditions de paiement:

PRIX :Net, unitaire, H.T., en €, matériel non emballé, départ NYQUIST SYSTEMS (Allemagne).

PAIEMENT : Acompte de 30% à la commande, 30% à la notification de l'expédition, solde à 30 jours de facturation. sur le compte BNP de BST eltromat France à Verrières le Buisson (91)

Conditions de paiement sous réserve d'un accord favorable de notre organisme d'assurance.

Délai d'expédition à compter de la confirmation des plans: 8-10 semaines

Please note:

Due to the worldwide critical situation with electronic parts the mentioned delivery time is to be understood as "preliminary".
In case of order the delivery time needs to be determined accordingly.

Validité des offres:

28/11/2023

Avec nos meilleures salutations

David TONDU