

Uhlmann Pac-Systeme GmbH & Co. KG, Uhlmannstr. 14-18, 88471 Laupheim

**Customer-Number: 4200002**

AstraZeneca Sweden Operations  
Drug Products Supply  
Gärtuna  
Godsmottagningen Byggn 621  
SE-151 85 SÖDERTÄLJE  
SCHWEDEN

## Line-Quotation

Page	1 of 25
Date	07.07.2010
Project-No.	999102144
Your Enquiry dated	E-Mail Astra Zeneca 21.05.2010
Your Contact Person	Roger Asplund
Our Contact	Joachim Gerike
Phone No.	+46 (031) 450 506
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**Bill-to-Party: 4200014**

AstraZeneca AB  
DPS / Accounts Payable  
SE-389 80 ÖSTERSUND  
SCHWEDEN

**Line Quotation consisting of**

**500120809 ZA5 Uhlmann Blister Machine UPS 5 ET - Version: 2**

**500125101 ZA5 Validation and Services - Version: 1**

**Uhlmann Blister Machine UPS 5 ET**

We would like to thank you for your inquiry. Based on our conditions of sales and supply we quote as follows:

Pos.	Product Name/ Dimensions mm	Products per blister	Blister- format mm	Blister per forming stroke
1a	Polybag 125 ml 86x18x230	1	267 x 115 x 39	1 x 2
1b	Polybag 250ml 86 x 34 x 236,2	1	267 x 115 x 39	1 x 2

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www.uhlmann.de

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Registergericht Ulm HRA 640435.  
Persönlich haftende Gesellschafterin:  
Uhlmann Pac-Systeme  
Verwaltungsgesellschaft mbH  
Registergericht Ulm HRB 640137

Vorsitzender des Aufsichtsrats:  
Tobias Uhlmann  
Geschäftsführer:  
Johann Alt  
Hans-Werner Bongers  
Siegfried Drost

Deutsche Bank Ulm  
(BLZ 630 700 88) Konto 203 80 24 00  
BW Bank Biberach  
(BLZ 600 501 01) Konto 447 56 86  
Kreissparkasse Biberach  
(BLZ 654 500 70) Konto 56 05 57  
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1c	Polybag Japanese design 1 86x19x219,6	267 x 115 x 39	1 x 2
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Pos.	Reel width mm Forming / Sealing	Index length mm	Drawing No.	Output blister/min.
1a-1c	272 / 256	272	79 006 710	40

Forming material: PP 600 µm  
Lidding material: Paper 60g/m

Line layout according to floor plan no.11420165-01

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
1500	1	EA	81010958		357.202,30

**UHLMANN Blister Machine UPS 5  
for PVC and PET forming film and  
aluminium lid foil**

Basic machine in cantilevered and modular design,  
with 12 modules on torsion-free frame:

- Forming material support  
with 2 pneumatically operated shaft spreaders  
for core diameter of 76 mm,  
max. reel diameter 800 mm
- Cutting and splicing table for forming film
- Forming material unwind, continuous motion
- Contact heating with 3 heating zones:
  - 6 heating circuits, individually controlled  
and adjustable
  - simultaneous heating of min. 3 index lengths
  - automatic opening of heating plates during  
machine stop
  - rapid changeover
- Forming station with tension rod,  
tools to be removed to operator side
- Clamping gripper for fixing of web during  
machine dwell time
- Fill section with safety flap,  
length 1.360 mm
- Unwind for lid material at operator side  
with pneumatically operated shaft spreader  
for reel core diameter 76 mm,  
max. reel diameter 400 mm
- Platen sealing station with 4 guide rods for  
lifting table:
  - integrated overload safety system
  - automatic retracting of upper sealing  
plate at machine stop
- Contact cooling station

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<ul style="list-style-type: none"> <li>- Empty module for retrofitting of an additional station</li> <li>- Web indexing by 2 clamping grippers</li> <li>- Punch station with blister lowerator</li> <li>- Waste cutter with motorized indexing of scrap web</li> <li>- Monitoring of compressed air supply with machine stop, if air pressure falls below pre-set level</li> <li>- Machine guarding: <ul style="list-style-type: none"> <li>- folding doors at operator side, made of scratch-proof easy-clean safety glass</li> <li>- plug-in doors made of acrylic glass at rear side</li> <li>- electro-mechanical interlocking of doors at operator side with door-open message on control panel indicating which door is open</li> </ul> </li> <li>- Rapid format changeover: <ul style="list-style-type: none"> <li>- all adjustable stations are set by digital indicators</li> <li>- no hand tools needed for format changeover</li> <li>- plug-in connectors for cooling water</li> </ul> </li> <li>- Servo-driven main drive</li> <li>- Control cabinet at machine rear side</li> <li>- Pilot lamp tower, 4 colors with following standard occupation: <ul style="list-style-type: none"> <li>- Red: <ul style="list-style-type: none"> <li>Steady light: normal stop</li> <li>Flashing light: error, emergency stop</li> </ul> </li> <li>- Orange: <ul style="list-style-type: none"> <li>Steady light: material reserve control</li> </ul> </li> <li>- Green: <ul style="list-style-type: none"> <li>Steady light: machine is running</li> <li>Flashing light: automatic restart and start-up warning</li> </ul> </li> <li>- Blue: <ul style="list-style-type: none"> <li>Reserved for customer requests</li> </ul> </li> </ul> </li> <li>- Machine finish:</li> </ul>					

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- painted machine parts and control cabinet:  
RAL 9007, grey aluminum

### TouchControl - HMI

#### **Operation**

- easy machine operation and adjustment of parameters by graphical user interface
- access control through authorization system (user group and password)
- fault display with integrated remedy recommendations
- language selection

#### **Data Management**

- format data management
- archive-, backup- and restore functions

#### **Logging**

- logging of production quantities and parameters
- audit-trail as circular buffer

#### **Operation Terminal**

- 15" TFT screen
- touch screen surface
- 100BaseT-Fast Ethernet, TCP/IP protocol
- USB interface for connection of printer, data back-up, etc.

#### **Industrial PC**

- Pentium M processor, min. 1.4 GHz
- 1 GByte RAM, hard disk min. 30 GByte
- uninterrupted power supply
- Optional with external devices or interfacing with superordinate systems

### Integrated Shift Register

prepared for connection to UHLMANN made fill control systems

- recording of fill control signals
- recording of production relevant errors, e.g. signals such as sealing overload, web splices, pinhole detection etc.

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- programmable timers for each function for eject of single blister rows, i.e. overheated foil in the heating station, products in the sealing station, etc.
- tracking of good and empty blisters and control of blister eject (partially filled blisters optionally)

**Machine control**

- Elau axis control with integrated soft SPS
- CAN OPEN bus

**Technical data UPS 5 ET**
**Number of cycles**

ET-section min./max. 15 / 50 cycles/min.  
depending on feeding system, format layout and quality of material

**Format range**

min./max. index in single stroke are 64/226 mm  
min./max. width of film 100/300 mm  
min./max. punching width 28/284 mm  
max. blister rows 8  
max. forming depth 12 mm

**Power supply**

400/230 volts  $\pm 10\%$ , 3-phase,  
with loadable neutral conductor and  
separate protective earth conductor.  
Power supply network TN-S or TN-C-S  
(to be specified with order).  
Supply frequency 50 or 60 Hz  
(to be specified with order).  
Electrical equipment according to DIN EN 60204-1  
resp. IEC 60204-1

**Compressed air**

system pressure approx. 7 - 8 bar  
air consumption approx. 55Nm<sup>3</sup>/h

**Cooling water**

infeed temperature approx. 15 - 18°C  
volume approx. 1,1 m<sup>3</sup>/h

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### Documentation

#### **Operating Manual**

##### Scope of supply

- 2 hardcopies in DIN A4 format
- 1 CD-ROM in PDF format without interactive links to the contents of the operating manual
- Standard languages: English, German, French or Spanish.
- Standard languages of sub-supplier documentation: German or English; if available French or Spanish

##### Contents

- Introduction
- Safety
- Machine Data
- Transport, Installation and Start-up
- Layout and Features
- Production mode
- Machine Setup and Changeover
- Malfunction
- Maintenance
- Touch Control Super User Manual
- Error and remedy texts of operating system
- Format Data Printout
- Circuit and Fluid Flow Diagrams
- Sub-Supplier Documents

#### **Spare Parts Catalogue**

##### Scope of supply

- 2 hardcopies in DIN A4 format
- 1 CD-ROM in PDF format without interactive links to the contents of the operating manual

Available languages: German, English, French and Spanish

##### Contents

- Exploded view drawings of dynamic assembly groups helping to identify standard parts and components of the machine
- Parts lists of dynamic assembly groups

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
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Following items are not covered:

- Format parts
- Electrical parts and fluid parts
- Sub-supplier equipment

Note

For technical reasons the spare parts catalogue can only be completed shortly before delivery of the machine.  
During FAT a sample catalogue will be available.

2000	1	EA	81010969		93.229,50
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**Components for working PP foils  
- only for ampoule blisters -**

- reciprocating clamping gripper before heating station
- forming station
  - forming station remains closed after machine stop
  - extended forming air
  - heated plug assist
- additional cooling station after forming
- cooled fill section
- extended cooling station after sealing, incl. additional module

Maximum 35 strokes/minute in the single stroke area,  
depending on film quality, feeding system and format layout,  
increased consumption of cooling water

2500	1	EA	81010971		38.620,40
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**Components for producing sealed  
ampoule-, syringe-, carpule blisters etc.**

- cooled fill section
- increased forming depth up to 28 mm



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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<ul style="list-style-type: none"> <li>- plug assist for mechanical pre-forming</li> <li>- gripper index after forming with integrated shrinkage compensation</li> <li>- monitoring of waste web: in case of transport length variations machine is stopped in order to avoid broken glass in punch. Control via angular encoder.</li> </ul> <p>Remark: maximum machine speed with forming depth of 28 mm is 35 strokes/min.</p>					
3000	1	EA	81010973		18.218,20
Extension of forming depth from 28 to 40 mm  Maximum speed: 30 strokes/min. Blisters with a forming depth below 28 mm cannot be produced					
3500	7	EA	81010974	4.406,56	30.845,90
Extension of basic machine by additional modules					
3750	1	EA	0 81004971		2.138,50
Machine height increase of approx. 100 mm					
4000	1	EA	81011455		2.502,50
Remote Maintenance using Broadband Internet Connection Standard package for the individual machine  Software and hardware components for remote access to industrial computers to enable maintenance, supervision and updates of machine relevant software sections  <ul style="list-style-type: none"> <li>- online access to operational software TouchControl</li> <li>- access to intelligent machine devices e.g. camera systems, machine computers, etc.</li> <li>- a transfer rate of up to 100 MBit/s can be achieved (depending on the quality)</li> </ul>					

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<p>and distance of the internet-connection)</p> <ul style="list-style-type: none"> <li>- the customer to provide an internet-connection to the second network interface on the machine computer</li> <li>- firewall requirements to be agreed with customer</li> <li>- third party software licenses</li> <li>- configuration software to access an Internet line</li> </ul>					
4250	1	EA	81010990		6.533,80
<p>Display texts, machine labels and operating manuals in Swedish language</p> <p>This option does not include:</p> <ul style="list-style-type: none"> <li>- Circuit and Fluid Flow Diagrams</li> <li>- Sub-Supplier Documents</li> </ul> <p>These documents will be delivered in German or English.</p>					
5125	1	EA	81010992		
<p>Parts Manager</p> <p>Exploded view drawings on CD-ROM with interactive parts identification. By means of this interactive program, parts and assembly groups can be easily identified, displayed and printed out.</p> <p><u>Program features</u></p> <ul style="list-style-type: none"> <li>- graphic and text guidance through all group levels</li> <li>- various display selections of text and graphic pages</li> <li>- automatic generation of spare parts orders</li> <li>- searching and memorizing functions</li> <li>- selectable operator's languages (German, English, French, Spanish)</li> <li>- stored assistance texts</li> <li>- easy installation at local PC (set-up function Windows 98, NT, 2000, XP)</li> </ul> <p>The scope of the exploded view drawings is identical with the contents of the spare parts</p>					

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<p>catalogue.</p> <p><u>Note</u>  For technical reasons the Parts Manager can only be completed shortly before delivery of the machine.  During FAT a sample Parts Manager will be available.  - free of charge -</p>					
6000	1	EA	81011021		3.075,80
Flow monitoring for cooling water, incl. machine stop and fault display on screen					
6500	1	EA	81011022		2.102,10
Temperature monitoring of cooling water outfeed in combination with machine stop and display					
7000	1	EA	81011026		3.876,60
Splice detection for forming material, splice in- or outside, with disengaging of dedicated feeding systems and automatic eject of faulty strokes					
8000	1	EA	81011029		3.876,60
Splice detection for lidding material, splice in- and outside, automatic eject of faulty strokes. Shut-off of dedicated feeding system only if technically possible.					
8500	1	EA	81011034		10.637,90
Wire numbering according to Uhlmann standard					
Each wire receives at its end the connection number as per wiring diagram with closed, captive bushes					
9000	1	EA	81011047		4.195,10
Near end forming material warning by buzzer and display on screen					

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
9500	1	EA	81011051		25.025,00
Lid material reel support mounted on rear machine side, recommended for mounting a printer:  - 2-up lid material unwind - 2 pneumatical shaft spreaders for reel core diameter 76 mm, max. reel diameter 400 mm - reversing shoulder					
10000	1	EA	81011052		3.130,40
Cutting and splicing table for lid foil					
10250	1	EA	81011053		4.195,10
Near end lid material warning by buzzer for lid material reel support					
10500	1	EA	81011055		12.703,60
Lateral web control for lid material  for precise alignment of material reel, max. +/- 5 mm, automatic format setting via operating panel					
11250	1	EA	0 81004991		15.187,90
Second inspection station on fill section for presence check of polybags - lighting box with incident LED-lighting and lift - one b/w camera with all necessary optics and cables  Note: Connected to VisioRead camera, pos. 16250					
11625	1	EA	0 81004991		7.498,40
Third inspection station for reading pharmacode on lid foil, comprising of  - LED-lighting unit in application					

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<p>specific version</p> <p>- one b/w camera with all necessary optics and cables</p> <p>Required if reading of pharmacode needs to be realized at a different position than verifying the inline printed variable data. In this case, only two camera heads will be mounted to lighting box of VisioRead basic system (i.e. number of additional cameras as per Pos. 16438 of this quotation will be reduced to one).</p> <p>Note: Connected to VisioRead camera, pos. 16250</p>					
12000	1	EA	81011092		10.856,30
Print registration by index correction					
12500	1	EA	81011096		8.535,80
Index extension to 272 mm					
13000	1	EA	81011183		19.337,50
<p>Chiller for ampoule trays etc.</p> <p>- digital temperature display</p> <p>- refrigerating capacity 10,9 kW</p> <p>- min. supply temperature 8°C</p> <p>- cooling agent CFC-free</p> <p>- painting RAL 9007</p> <p>- mains and water supply from blister machine</p>					
14000	1	EA	0 81004994		81.090,10
<p>Thermotransfer printer for printing batch number and expire date on pre-printed lidding paper, including print layout configuration software. The printer must be able to print min. 5 rows with 20 digits in each row. Final design of the printer type can only be determined after clarification of the print. Max. print dimension with one print head is approx. 213mm x 100mm (213mm across travel direction, 100mm along travel direction). For any bigger print area, a second</p>					

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
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printer is requested. NOTE: Guarantee of function and performance only after examination of the original material to be printed.

14500	1	EA	0 81004995		169.596,70
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**Automatic Robot Feeding System incl. cassette belt conveyor**

- automatic feeding system for Polybags via robotic system
- feeding of 2 Polybags each cycle with machine speed of 20 cycles/min.
- polybag infeed is 40 pieces/min.
- polybags provided without any tags or labels for safe pick-up process
- polybags provided via servodriven intermitted cassette belt conveyor, controlled by the UPS5 blister machine
- length of conveyor approx. 2000 mm
- pitch of the cassettes equal to the blister distance in the formed web- no gripper arm with spreading function necessary
- the cassette belt conveyor is mounted from the rear side and in 90° angle to the travel direction of the blister machine
- reject station for not picked polybags included, without bin for rejected products
- a 100% filling of the cassettes by the customer is requested, if not, empty blisters can appear. The interface to the Uhlmann cassette belt conveyor is still not defined (manually or automatically) and is under responsibility of Astra Zeneca
- fast clamping system of the format cassette belt

16250	1	EA	0 81004999		41.969,20
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**Print inspection system VisioRead**

Multifunctional camera inspection system  
for - among others - checking of imprints

System description

- 1-chip black/white CCD-camera with a resolution of up to 1.380 x 1.035 pixels
- possibility to connect up to 8 cameras
- touch panel for operation and representation of the inspection layouts and evaluations
- TCP/IP interface for external format storing, internal format storing on flash disk and USB-stick VisioKey

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
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- interfaces for link to machine control
- homogeneous illumination of the entire inspection area with incident light
- shielding of external light
- operator guiding for teach-in of formats
- multi-trigger function for resolution increase
- ample online diagnostic functions, e. g. line grey-scale values, measured values and error causes
- evaluation of print presence, quality and position
- evaluation of good and bad production in pieces and as percentage
- individual character verification (OCV function) within a defined inspection area
- code reading function for different kinds of codes
- batch related statistic with error log
- GMP compliant design
- 21 CFR Part 11 compliant as per FDA

**Safety features**

- system self-control
- data-valid-signal parallel to result outputs
- wire-break proof signaling
- 4 authorization levels, access via password

**Note**

Guarantee on function and performance after examination of original material with imprint

16375	1	EA	0 81004999		4.459,00
LED lighting instead of fluorescent lamps					

16438	1	EA	0 81004999		5.696,60
Additional b/w camera, high resolution					

For a total of three camera heads within

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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
lighting box of VisioRead basic system					
one camera head (= 1 per blister lane) for OCR/OCV of imprinted variable data at one narrow end of blister					
one camera head for reading of pharmacode					
16500	1	EA	81011146		33.824,70
Belt transfer for ampoule blisters without lid foil, with 1-lane linear blister outfeed					
- outfeed belt below punch					
- jam control below the punch					
- intermediate belt with separation of good and faulty blisters by holding fingers					
- reject belt for single reject of faulty blisters, with reject cross-check					
- transfer belt, 1700 mm long, with separate drive					
- pneumatic blister separation					
- ejection of good blisters in case of cartoner stop with jam control					
19000	1	EA	81014514		58.558,50
Complete tool set					
consisting of:					
- upper forming tool with plug assist with coating with direct cooling					
- lower forming tool with coating with direct cooling					
- set of guide tracks					
- upper sealing tool					
- lower sealing tool					
- punch tool					



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Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
for pos. 1a-1c					
19500	1	EA	81014545		28.173,60
Format parts for robotic feeding system for pos. 1a-1c					
20000	1	EA	81014547		7.389,20
Format parts for ampoule transfer system for pos. 1a-1c					
20250	1	EA	81000000		15.000,00
gross price 46.610,00					
Discount (Value) of 46.610,00 30.126,48-					
Format parts for cassette belt conveyor for Pos. 1a-1c					
- 3 cassette belts, special designed for format a, b and c					
Note: Original price for cassette parts was EUR 46.610,-					
Reduced price for AstraZeneca: 15.000,- (9% corp. discount are considered)					
Option:					
20500	1	EA	81000000	30.858,10	
Spare parts kit					
Price ex works, excluding packing 1.129.282,80					
considered discounts					
total gross prices				1.271.096,59	
9 % Corp. discount of				111.687,31-	
Discount (Value) of				46.610,00	30.126,48-
Packing & Handling 7.750,00					

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Insurance charges	2.310,00
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Freight Charges	2.850,00
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**Total**

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**1.142.192,80**

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**500120809 ZA5 Uhlmann Blister Machine UPS 5 ET - Version: 2**
**500125101 ZA5 Validation and Services - Version: 1**

### Validation and Services

Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
1000	1	EA	81005503		21.048,30
	<b><u>Basic Scope for Qualification Documentation of the Blister Machine</u></b>				

#### DOCUMENTS FOR DESIGN QUALIFICATION (DQ):

- Qualification overview
- List of abbreviations
- Software Assurance Letter
- Machine layout
- Qualification of our employees
- Uhlmann ISO 9001 Certificate
- Risk Analysis machine
- Risk Analysis Automation
- Material Specification for product-contacting parts
- Functional specification according to Uhlmann standard, comprising:
  - System description
  - General data
  - Product flow diagram
  - Description of assembly groups including indication of relevant electrical components
- Hardware Design Specification Automation
- Software Design Specification Automation

#### DOCUMENTS FOR INSTALLATION QUALIFICATION (IQ):

- PLC-programm printout on CD
- Installation Qualification general
- Installation Qualification sensors and actuators
- Installation Qualification automation
- Certificate PT100 Sensor
- Calibration heating elements
- Final report

#### DOCUMENTS FOR OPERATION QUALIFICATION (OQ):

- Operation Qualification machine
- Operation Qualification automation
- Final report

Uhlmannstrasse 14-18  
88471 Laupheim  
Germany  
Telefon +49 (0)7392 702-0  
Fax +49 (0)7392 18972  
www.uhlmann.de

Uhlmann Pac-Systeme GmbH & Co. KG  
Registergericht Ulm HRA 640435.  
Persönlich haftende Gesellschafterin:  
Uhlmann Pac-Systeme  
Verwaltungsgesellschaft mbH  
Registergericht Ulm HRB 640137

Vorsitzender des Aufsichtsrats:  
Tobias Uhlmann  
Geschäftsführer:  
Johann Alt  
Hans-Werner Bongers  
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Deutsche Bank Ulm  
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BW Bank Biberach  
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UST-IdNr. DE 144893484

**Line-Quotation 500125101**

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Date 07.07.2010

Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
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Layout of qualification documentation

The qualification documentation is available in German or English language, following international rules.

Qualification documentation following customer-specific rules can be quoted as an option.

Scope of supply of the qualification documents

- 1 hardcopy in DIN A4 format
- 1 CD-ROM in PDF format

Delivery time

As every individual sensor needs to be described in detail, the documentation can only be finished and supplied after completion of the FAT. The complete qualification documentation will be delivered with the machine.

Further Qualification Services

Upon request we can optionally quote further qualification services like:

- diagrams such as block diagrams, product flow schemes with sensors and actors
- sensor/actor plans
- validation plan
- loop test
- traceability matrix
- validation support by an Uhlmann engineer
- preversions of documents
- etc.

*Option:*

1360	1	EA	81009926	21.603,40
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Traceability Matrix

- for the first Uhlmann machine of the line -

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Date 07.07.2010

Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
<p>Separate document with cross references from URS items to Uhlmann documents such as Functional Specification, Hardware Design Specification, Software Design Specification, IQ and OQ</p> <p>Note: These documents will only be available in German or English language.</p>					
1469	1	EA	0 81005592		12.676,30
<p><b>Qualification Documentation for robotic system</b></p> <ul style="list-style-type: none"> <li>- Hardware Design Specification</li> <li>- Software Design Specification</li> <li>- Risk analysis</li> <li>- Installation Qualification sensors</li> <li>- Operation Qualification</li> <li>- Final report</li> </ul> <p>Note: These documents will only be available in German or English language.</p>					
2000	1	EA	81012431		1.920,10
<p><b>Qualification documentation for VisioRead</b></p> <ul style="list-style-type: none"> <li>- Risk Analysis (RA)</li> <li>- Installation Qualification (IQ)</li> <li>- Operation Qualification (OQ)</li> </ul> <p>Remark: The qualification documentation is made out in German or English language according to Uhlmann standard and printed out black and white on DIN A4 hardcopy, 1-up.</p>					
2500	1	EA	81011821		18.209,10
<p><b>Installation and start-up of the machine on site by 1Uhlmann technician for the duration of 2 weeks.</b></p> <p>Each further day will be invoiced separately at cost.</p>					
3000	1	EA	81011821		10.519,60

**Line-Quotation 500125101**

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Date 07.07.2010

Pos.	Quantity	Unit	Article No.	Price per unit	Value in EUR
SAT of the machine on site by 1Uhlmann technician for the duration of 1 week.  Each further day will be invoiced separately at cost.					
Position total					64.373,40
considered discounts					
total gross prices				70.740,00	
9 % Corp. discount of				70.740,00	6.366,60-
<b>Total</b>					<b>64.373,40</b> =====

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Date 07.07.2010

**COMMERCIAL CONDITIONS****Prices**

CIP Södertälje (INCOTERMS 2000), including packing,  
excluding installation and commissioning. Shipment by truck

**Country of origin**

Germany

**Currency**

EURO

**Freight charges**

The freight charges indicated are based on standard packaging.  
The actual freight charges might be different and will be  
invoiced accordingly.

**FAT**

The prices quoted include 3 days of FAT at Uhlmann.  
Further days can be quoted as an option

**Delivery time**

Based on current manufacturing lead times  
approx. 9 months after receipt of order and  
clarification of all technical and commercial details.

After receipt of order we will inform you about dates  
for availability of signed drawings, trial materials etc.  
Together with your order, a signed floor plan will be needed.

**Payment**

- 30 % down payment after both parties have signed  
the local purchase order
- 30 % when the machine has successfully completed a  
FAT and delivered to AstraZeneca Umea
- 30 % after installation, commissioning,  
SAT and training of AstraZeneca's operator and  
maintenance personnel
- 10 % upon Take Over Certificate has been signed  
by the parties

All payments are due: 30 days after receipt of invoice.

according to Multi National Agreement No. 112117

## Line-Quotation 500125101

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Date 07.07.2010

### Global Agreement

Multi National Agreement will be taken into consideration for this project.

### Price validity

The quoted prices are valid for 3 months, starting from date of quotation

### Note

This offer is without engagement on our part until receipt of original products.

This quotation is valid for budgetary purposes only. Please understand that the pricing may change after a detailed review of the technical and commercial requirements.

### Warranty period

The warranty period is 12 months or 3000 operating hours, whatever comes first. The warranty period starts after installation, commissioning and takeover of equipment by purchaser, confirmed by a takeover protocol signed by both parties, however latest 3 months after shipment in case the delay of the takeover of the equipment is not due to any fault of Uhlmann. An extension of the warranty period can be quoted as an option.

### Machine installation at your site

For installation and commissioning of the machines we recommend our service engineers. The cost will be charged against actuals.

### Material for trial runs

An exact specification of the trial run material needed will be sent with the order confirmation. Please take into account that Uhlmann is not able to accept active products. The trial run material has to be put to our disposal without any cost for us.

Used and unused test material will be disposed by Uhlmann. A disposal certificate can be quoted optionally. Upon request we can also return the material. The cost arising will be charged against actuals.



**Intellectual property**

- (1) To the extent that Uhlmann Pac-Systeme GmbH & Co. KG owns intellectual property rights, including patents, utility models, trademarks, copyright, design rights, know-how, trade secrets or other protective rights pertaining to the contractual performances (products or services), or acquires such rights in the course of executing the contract or licenses such rights from third parties for the purpose of providing the contractual performances, such intellectual property rights shall remain with Uhlmann Pac-Systeme GmbH & Co. KG or the third party licensor, and the customer shall acquire only the rights to use as contractually agreed.
- (2) Uhlmann Pac-Systeme GmbH & Co. KG assumes no liability for the protectability or the validity of the protective rights pertaining to the contractual performances.
- (3) Uhlmann Pac-Systeme GmbH & Co. KG affirms that it has no knowledge of other third party rights pertaining to the contractual performances, but assumes no responsibility that the contractual performances do not violate other third party protective rights.

**Uhlmann Pac-Systeme GmbH & Co. KG**

Sebastian Schubert  
Sales Support Engineer

Günter Ziarnetzki  
Sales Support Manager

Enclosure  
General Terms and Conditions 08/2006  
Blister drawing  
Floor plan no. 11420165-01

**This document is computer generated and valid without original signature.**

Customer-Number: 4200002  
AstraZeneca Sweden Operations  
Drug Products Supply  
Gärtuna  
Godsmottagningen Byggn 621  
SE-151 85 SÖDERTÄLJE  
SCHWEDEN

## Price-Summary for project 999102144

### Line Quotation consisting of

Quotation No.		EUR
500120809	Uhlmann Blister Machine UPS 5 ET - Version: 2	1.142.192,80
500125101	Validation and Services - Version: 1	64.373,40
Total		<hr/> 1.206.566,20 <hr/>

### Uhlmann Pac-Systeme GmbH & Co. KG

Sebastian Schubert  
Sales Support Engineer

Günter Ziarnetzki  
Sales Support Manager

Enclosure  
General Terms and Conditions 08/2006  
Blister drawing  
Floor plan no. 11420165-01

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