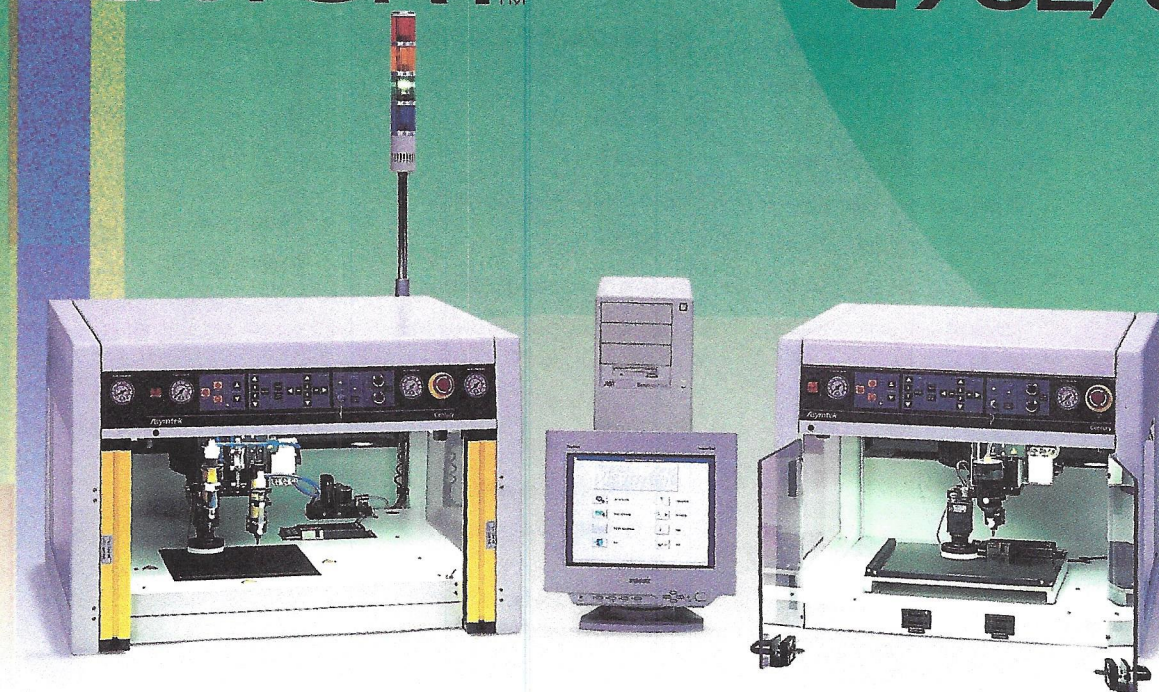


CENTURY™

C-702/C-708



The Century Series Automated Fluid Dispensing System is an affordable and fully automated fluid dispensing system, capable of handling a wide range of industrial and electronic applications. The system complies with European CE standards and has earned TUV certification. The Century Series represents an evolution of the industry-preferred A-400 Series of fluid dispensers from Asymtek.

The Century Series integrates safety standards and automated fluid delivery in an attractive, ergonomic design. The system features a membrane front panel that is divided into functional areas of operation: Programming, Run, System Status and Safety Interlock. Programming is done with Asymtek's Fluidmove® software, an easy-to-use interface supporting the unique needs of fluid dispensing applications.

Model C-702 provides a 305 x 305 mm (12 x 12 in.) dispensing area. Model C-708 provides a 457 x 457 mm (18 x 18 in.) dispensing area. Absolute positioning accuracy of ± 0.13 mm (0.005 in.) applies over the entire work area.

In addition, Century Series systems incorporate many automated fluid dispensing functions, including back-EMF controlled auger pump valves, safety doors for interlock, electronic selection of downloaded programs, system status lamps, and 24 opto-coupled inputs/outputs.

A ground nickel-plated tooling plate and alignment bars allow for flexible part positioning. In addition, users may add many dispensing options offered by Asymtek, such as automatic vision systems, height sensors, needle sensors, light curtains, dual-action dispensing head, and a vacuum hotplate.

Standard Features

- Excellent X-Y placement accuracy of 0.13 mm (0.005 in.)
- Key safety features meet TUV (CE) standards
- Emergency stop button (E-STOP) quickly removes all system power
- ESD-resistant front doors with safety interlock
- Clear side panels and integrated lighting allow viewing of dispensing area
- Membrane front panel is resistant to corrosive fluids and easily cleaned
- Integrated I/O, with 24 user-accessible inputs and outputs
- Closed-loop back-EMF valve speed control on front panel

Asymtek®
A Nordson Company

Specifications

Drive System:

X/Y Axes:

Speed: 508 mm/s (20 in./s)

Control: Brushless DC stepper motor

System Repeatability: ± 0.025 mm (0.001 in.)

System Resolution: ± 0.025 mm (0.001 in.)

Placement Accuracy: ± 0.13 mm (0.005 in.)

Z Axis:

Speed: 203 mm/s (8 in./s)

System Repeatability: ± 0.025 mm (0.001 in.)

Resolution: ± 0.025 mm (0.001 in.)

Dispensing Area:

C-702: 305 x 305 mm (12 x 12 in.)

C-708: 457 x 457 mm (18 x 18 in.)

Fluid Delivery Method:

Supported by all standard Asymtek valves

Dispensing Performance:*

15,000 dots per hour, 1.0 mm Grid

13,750 dots per hour, 2.0 mm Grid

12,000 dots per hour, 5.0 mm Grid

*Measured with dots of surface mount adhesive to hold 0805 components.

Valves:

Valve selection subject to fluid properties and application

Height Sensor (Optional):

Accuracy: ± 0.025 mm (0.001 in.)

Force: 5 grams

Needle Sensor (Optional):

Automatic realignment of dispensing needle after replacement

Needle Heater (Optional):

Ambient to 100°C with 3°C accuracy

Resolution: 1°C

Computer (Optional):

Pentium PC

Vision System (Optional):

AV-700 Targeting Offset Camera (picture in picture)

AV-2550 Automatic Fiducial Locator

Other Options:

Dual-Action Dispensing Head

Light Curtain Safety Interlock System

Vacuum Fixture/Heated Tooling Plate

Factory Status Light Pole

Low Air Pressure Alarm

System Hour Meter

Facilities Requirements:

System Footprint: See illustration.

Power: 100/120/220/240 VAC, 50/60 Hz, 200 Watts

Air Pressure: 690 kPa, 6.9 Bar 28 liters/min. (100 PSI, 3 SCFM)

Noise: <70 dBA

Environmental:

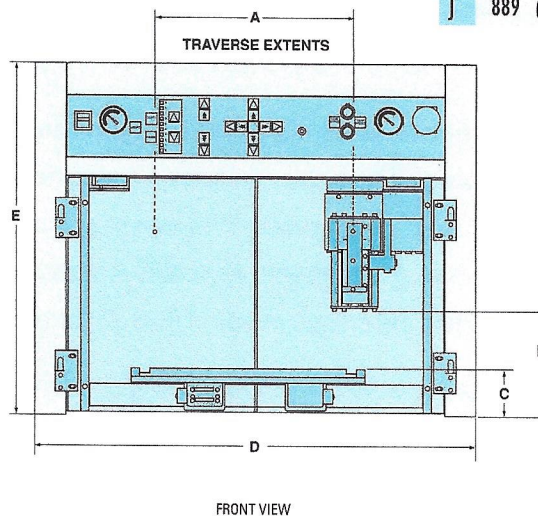
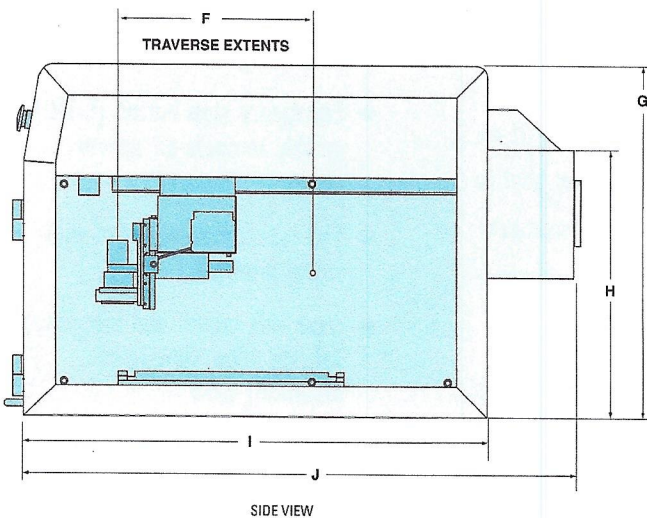
5-55°C, 5%-90% RH (below 40°C)

Shipping Weight:

C-702: 123 kg (270 lb.)

C-708: 159 kg (350 lb.)

	C-702	C-708
A	310 (12.2)	457 (18.0)
B	167 (6.57)	167 (6.57)
C	74.4 (2.93)	74.4 (2.93)
D	686 (27.0)	843 (33.2)
E	559 (22.0)	559 (22.0)
F	305 (12.0)	457 (18.0)
G	559 (22.0)	559 (22.0)
H	424 (16.7)	424 (16.7)
I	749 (29.5)	902 (35.5)
J	889 (35.0)	1041 (41.0)



Asymtek®
A Nordson Company

International Headquarters

Toll Free 1-(800) ASYMTEK ■ Tel: (760) 431-1919 ■ Fax: (760) 431-2678

Web Site: <http://www.asymtek.com> ■ E-mail: info@asymtek.com

2762 Loker Avenue West, Carlsbad, CA 92008-6603 U.S.A.

European Office

Tel: 44 (0) 1962 735666 ■ Fax: 44 (0) 1962 735734

The CadCam Centre, Bighton, Alresford, Hampshire, SO24 9RE England

Note:

Dimensions are given as millimeters [inches]

Windows® is a trademark of Microsoft, Inc. Fluidmove®, and Century™ Series are trademarks of Asymtek, Inc.

All specifications are believed to be a true and accurate representation of system capabilities and are subject to change without notice.

Contact Asymtek for your specific application requirements.

Feb-23-99 02:46P ASYMTEK FINANCE

760 930 7430

P.01

Asymtek

2702 Loker Avenue West
Carlsbad, CA 92008-8603

REVISED INVOICE

NUMBER: 33934 1
INVOICE DATE: Oct 23, 1998
SHIP DATE: Oct 23, 1998
TERMS: NET 30 DAYS FROM SHIPMENT
SALES ORDER: 33934
TERRITORY: 1A
REP: Sullivan
ENTERED BY: DFC/KLC

A/P CONTACT:
PURCHASE ORDER:

44
NB88090015

3-3 A/P PHONE: 949-221-4761

SHIPPED VIA: Whillia Trucking

QUANTITY	STOCK #		PRICE	AMOUNT
1	C-708-AICE	C-708 BATCH ENCAP SOLUTION		
1	DISCOUNT-17	DISCOUNT 17 SERIES	74,525.00	74,525.00
1	C-AICE	CLNTURY, C-AICE	-745.25	-745.25
1	CWS-700	(OBS) NOW 64-0082-00	0.00	0.00
1	PC-PENTIUM	# COMPUTER & MONITOR MINITOWER	0.00	0.00
1	I-11-2000	CONTROLLER, DUAL TEMPERATURE	0.00	0.00
1	NOTE	CONFIG #8	0.00	0.00
1	HT-06	HEATER BLOCK ASSY. LUFERLOCK	0.00	0.00
1	NS-700	NEEDLE SENSOR, C-7X8	0.00	0.00
1	IIS-06RTA	HEIGHT SHNS., ADJ., DV-06MOUNT	0.00	0.00
1	DP-2144	VALVE, DP-2144	0.00	0.00
1	DV-8321	ASSY. CARBID STANDARD VALVE	0.00	0.00
1	DA-02	ASSY., DUAL ACTION VALVE BRKT	0.00	0.00
1	AV-700-AICE	ASSY. OFFSET VISION SYS. AICE	0.00	0.00
1	DOWNPYMNT	DOWNPAYMENT WHEN RECEIVED	0.00	0.00
1	DOWNPYMNT	50% UPON SHIPMENT	-22133.93	-22133.93
1	NOTE	CREDIT TERMS: 30% DOWN; 50% UPON	-39748.84	-39748.84
1	NOTE	SHIPMENT 20% INSTALLATION	0.00	0.00
			0.00	0.00

NOTE

SHIPPED ON PACKSLIP 32853.2

need to clear down pymt

doc 1200857662

SUB TOTAL: 511,898.05
FREIGHT CHARGES: 5717.93

TOTAL DUE: 517,616.01

SHIPPED TO:
Conexant Systems, Inc
Receiving Dept.
4311 Jamboree Rd
Newport Beach, CA 92660
M/S C-01-113

Post-It Fax Note	7871	Date	12/23	Page	1
To	Shawna	From	Kathy		
Co./Dept.	Conexant	Attn	Asymtek		
Phone	949-221-4761	Phone	760-930-7430		
Fax	949-221-4761	Fax			

1200857662