Z-stage cylinder (0.2 stated)

To debris removal unit

Pressure regulator

To optic head

Z-stage

Vacuum pump valve

Debris removal

Thermal head manifold

External air filter unit

To MCU unit

Cassette inside air

Air jet

Unload Gripper Cyl.

Load Gripper Cyl.

Loading Rollers Cyl.

Unloading Roller Cyl.

Cassette Pins Cyl.

Unloading Tray Cyl.

0.5

0.3

Unload Gripp In

Unload Gripp Out

Load Gripp In

Load Gripp Out

Load Roll

Unload Roll in

Unload Roll out

Cass air

Cass Pins

Cass out air

Unloading Surface Out

Unloading Surface In

Pressure sensor

Unload Grip

Load Grip

Load Roll

Unload Roll

Cass Ins Air

Cass Pin Valve

Cass Out Air

Unload Tray

Main manifold

LEGEND

One way steady air flow control
0.3 Restrictor diameter

One way adjustable air flow control

Double acting cylinder

Single acting cylinder

Pressure regulator

2 = A 4 = B

4 Way 2 Position solenoid valve

2 = A

3 Way 2 Position solenoid valve

Pressure sensor

	NAME	DATE
DRAWN	DAVID B.	19.12.02
CHECKED	DAVID B.	19.12.02
DESIGNED	BORIS G.	19.12.02
CHECKED	DROR T.	25.12.02
APPROVED	M. BERES	25.12.02
PROD.ENG		
MFR.ENG		
Q.A.		

creo

LOTEM 800 QUANTUM
PNEUMATIC SCHEM.

PROJECT: LOTEM

CAT.NO.: 718-00003A

SIZE: A3 | DWG. NO.: 718-00003A | REV: 1

SH 1 OF 1