

FEATURES

- ◆ Single-axis fully integrated DC Servo Controller with drive and power supply
- ◆ Serial interface.
- ◆ 10 A continuous current, 25 A peak current.
- ◆ Preassembled, wired and ready to use.
- ◆ PC programmable.
- ◆ Overall dimensions: Width = 250 mm; Height = 186 mm; Length = 310 mm


Catalog Number
HL1300MTVD0810

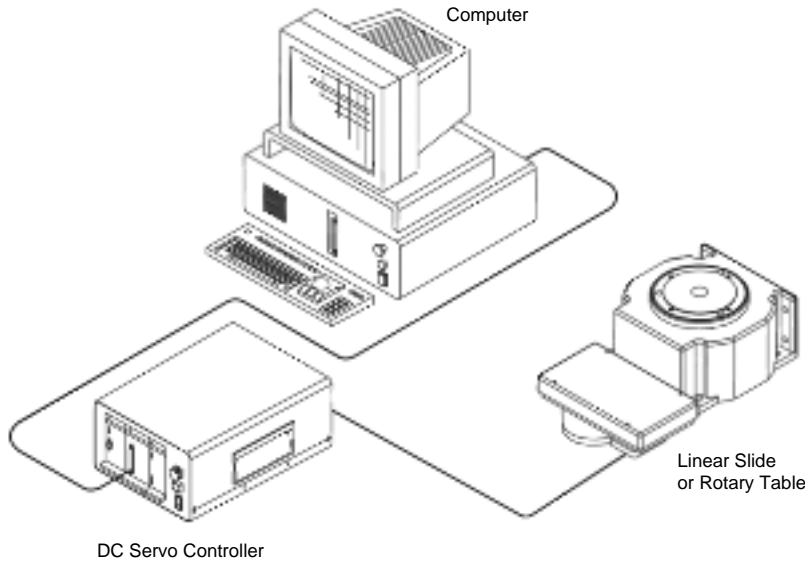
Controller Includes:
Motion Control and Amplifier
Start/Stop Button
Emergency Stop

CE Compliant: EN 50081-1; EN 55011B
EN 50082-2; IEC 801(1-4)



TVD 0810 Single-Axis Servo Controller

Overall Dimension: Width = 250 mm
 Height = 186 mm
 Depth = 310 mm



Catalog Number
HL1300MTVD0810
* HL1300MTVE0810

*Also available in 19" rack-mountable configuration

COMMAND SUMMARY

Syntax	Description
@0<axes>	Define Axes: x=1, y=2, z=4
@0R<axes>	Home: x=1, y=2, z=4, confirm completion
@0r<axes>	Home: x=1, y=2, z=4, confirm immediately
@0d<Gx>, <Gy>, <Gz>	Set home speed
@0A Sx, Gx, Sy... Gz2	Incremental motion, confirm completion
@0a Sx, Gx, Sy... Gz2	Incremental motion, confirm immediately
@0M Sx, Gx, Sy... Gz2	Absolute motion
@0m Sx, Gx, Sy... Gz2	Absolute motion
@0P	Identify axes' positions
@0i	Enter program mode
@0f	Circular interpolation direction
@0y...	Perform circular interpolation

Program Mode	Description
0 Sx, Gx, Sy... Gz2	Incremental motion
3<Number>, <Offset>	Make a loop, or branch if <number>=0
6 Sx, Gx, Sy... Gz2	Move until impulse
7<Axes>	Home motors, x=1, y=2, z=4
mSx, Gx, Sy.... Gz2	Move absolute
eS	Select interpolation axes/plane: 0=x/y, 1=x/z, 2=y/z
f	Set direction of circular interpolation
y	Peform circular interpolation

