

D600



D600 Gage Controller

Accuracy, flexibility and power for demanding gaging applications

For more than 50 years Control Gaging Inc. has been supplying durable precision measurement tools for some of the world's leading machine tool builders and manufacturing companies.

Our newest innovation, the D600 Gage Controller, is designed for high accuracy measurement and control applications in manufacturing environments. Whether your requirement is multi-feature, automatic-changeover grinder control or complex inspection-with-feedback, the D600 can be configured to meet your needs.

The D600 features a 10.1" capacitive touch screen, while running a Linux based operating system on Dual Quad-Core ARM processors. Each gage channel feeds into its own 24 bit A to D converter, providing an internal resolution of under two nanometers over a 25mm range.

In keeping with Control Gaging's worldwide reputation for durability, the D600 has an IP rating of 54 and is built to stand up to the toughest factory conditions. The D600 is backed by a two-year warranty.



- ☑ Intuitive web-like interface
- ☑ Smooth or interrupted surfaces
- ☑ In-process or post-process applications
- ☑ SPC / Data Storage
- ☑ Up to 8 LVDT inputs
- ☑ Up to 16 Inputs/48 Outputs
- ☑ 2500 readings/sec.
- ☑ Data transfer to USB memory stick
- ☑ Modbus TCP/IP capable
- ☑ CE, RoHS, Prop 65, TSCA & REACH Compliant

The D600 operator interface is constructed using the open source Chromium Platform, resulting in an intuitive and easy to use structure. In addition to the advantages of an operator friendly interface, the use of the Chromium framework allows seamless remote monitoring of a D600 using a standard web browser.

Optional Hardware and Software Features

- | | |
|-----------------------------------|----------------------------|
| BCD & Binary Outputs | Out-of-Round/Runout |
| Bad Part Diverter Control | Panel Mount Chassis |
| Grindline Control | Part Counter |
| Intelligent Process Control (IPC) | Profiling/Part Shape |
| Language Selection | Proportional Analog Output |
| Locator Outputs | Remote Compensation |
| Multiple Channel Zeroing | Remote Zeroing |
| Multiple Diameter Size Storage | Stock Removal Preset |
| Multiple Part Program Storage | Taper |

TAKE CONTROL & SAVE MONEY

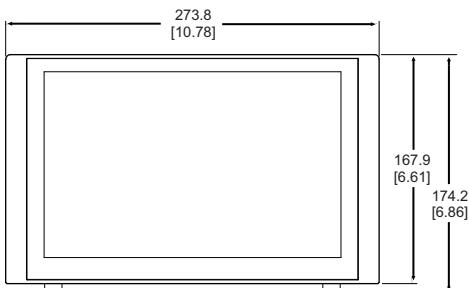
Control Gaging Incorporated

847 Avis Dr. Ann Arbor, Michigan 48108 Phone: +1 734.668.6750 Fax: +1 734.994.1335
www.controlgaging.com Email: sales@controlgaging.com

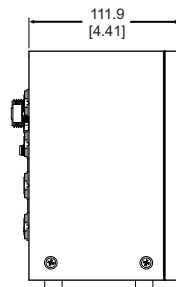
D600



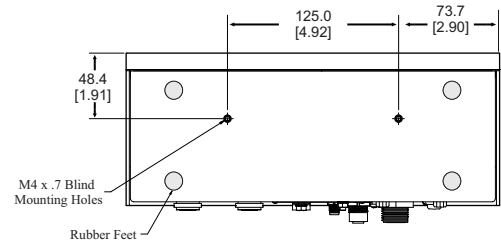
D600 Chassis Dimensions - Standard, Panel Mount, and Remote Panel



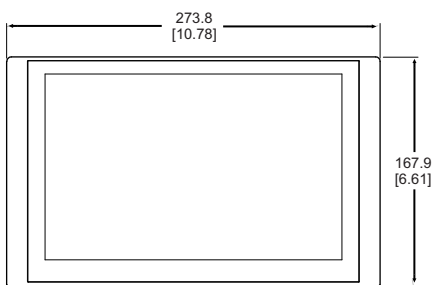
FRONT VIEW -Standard Chassis



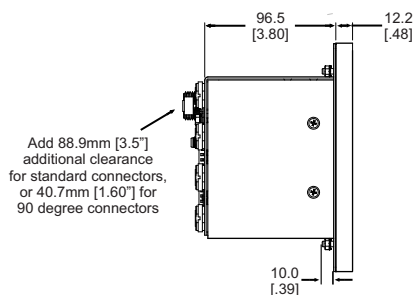
SIDE VIEW -Standard Chassis



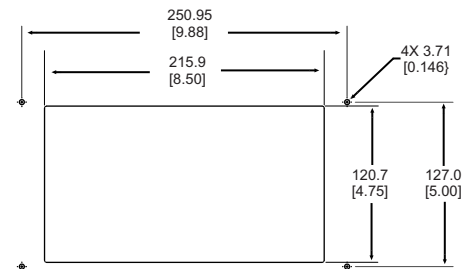
BOTTOM VIEW -Standard Chassis



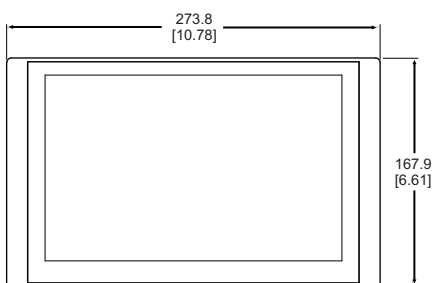
FRONT VIEW - Panel Mount Chassis



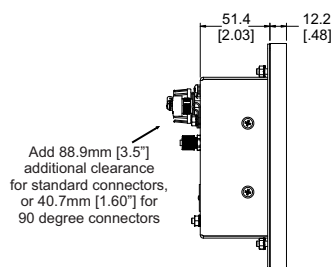
SIDE VIEW- Panel Mount



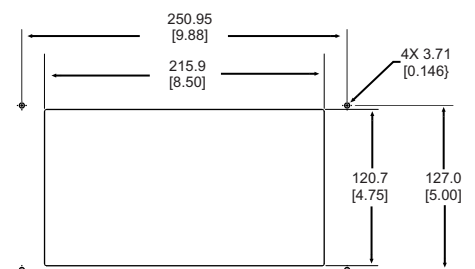
PANEL CUTOUT - Panel Mount



FRONT VIEW - Remote Panel Chassis



SIDE VIEW- Remote Panel



PANEL CUTOUT - Remote Panel

General Specifications

Power: 24 VDC, 2A
Weight: 2.4kg. (5.4 lbs.)
Chassis: IP54

Configurations:
 2 Gages, 8 inputs/24 Outputs
 8 Gages, 16 inputs/48 Outputs

Inputs: 24V DC
Outputs: 24V DC
 500 mA per output
 2.4A max per connector

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 www.controlgaging.com Email: sales@controlgaging.com