



## Model AM-1600 Multiple Ammeter Display

Multiple ammeter display in a form that allows a quick overview of selected plant motor loads. Provides an accurate indication of actual loads, and visual & audible alarms of both overload and underload conditions. Displays incoming or generated power voltage and frequency from up to two sources.



- A total of 15 motors and 1 line voltage can be monitored.
- Bar graph style display scaled from 0 to 115% of full load amperes. Operating points for this type of display typically tend to be aligned, simplifying evaluation of the displayed values. The sharing of loads for motors mechanically connected in parallel can readily be determined.
- Up to 15 bar graphs per color display. Bar graph labels can be easily changed by the factory to accommodate changes in plant equipment.
- Bar graphs of motors operating within their rating are shown in light blue on a dark blue background.
- Bar graphs of motors operating above their normal rating, but within a 15% service factor, are shown in yellow and flashing yellow. Optional motor/system shutdown interlocks are available for any specified motor.
- Bar graphs of motors operating above their service limit are shown in flashing red.
- An *optional* out of tolerance alarm switched output is available.
- Utilizes SYSTEMS' DC voltage output current sensors. The use of a DC signal eliminates the signal degradation that commonly occurs with 5 Amp loops on long interconnecting lines.
- Available with one (1) or two (2) separate line voltage sense inputs. Each input measures and displays the line voltage to the nearest volt and frequency to the nearest 0.1 hertz.
- Flat screen, high brightness, low glare LCD monitor. The display, its use of color, and its format are consistent and complementary to SYSTEMS Process and Silo Loadout Computers.
- Monitor and backplate supplied loose for mounting by user.
- Backplate includes processor, power supply, input/output interface modules, and terminal strips for all field connections.
- 6' interconnecting cable from backplate to monitor.
- Various enclosures are optionally available.
- *Optional* zero speed shaft sensors can be interfaced and will display an alarm condition as a flashing white bar graph. This condition usually would indicate that part of a drive train has failed. An out of tolerance alarm switched output is available.