Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

**MEA 296-07-E**

**Manufacturer:** BeaconMedaes, 14408 W. 105th Street, Lenexa, KS 66215

**Trade Name(s):** BeaconMedaes

**Product:** Signaling devices for medical gas and vacuum systems

**Pertinent Code Section(s):** Reference Standards RS 16 & RS 17

**Prescribed Test(s):** UL 1069

**Laboratory:** Intertek Testing Services NA Inc.


**Description:** TotalAlert2 and Mega2 are microprocessor controlled medical gas alarm systems which monitor gas/vacuum pressures and alarm non-compliant conditions as required by NFPA 99, Chapter 5.

TotalAlert2 model numbers: TA2M32, TA2M32R, TA2M64, and TA2M64R are master alarms that monitor 32 or 64 normally closed switched signals. Ten gas service indicators are user defined with slide-in labels. Each indicator has a green and red LED. When all switched signals assigned to an indicator are closed, the indicator illuminates green. When an input switch opens, the assigned indicator flashes red and a specific message for the condition appears on the vacuum fluorescent display. Messages are programmable through the front panel setup or by using the alarm panel web pages.

TotalAlert2 model numbers: TA2AL-XXXX, TA2AL-XXXXXXX, TA2AN-XXX, TA2AN-XXXXXXXX, TA2AR-XXX, and TA2AR-XXXXXXXX, are area alarms that monitor gas/vacuum pressure in the pipeline. If the gas/vacuum pressure is within preset limits, the green NORMAL indicator for the gas service illuminates. If the gas/vacuum pressure drops below or rises above preset limits, the red LOW or HIGH indicator flashes.
TotalAlert2 model numbers: TA2C32-XXX, TA2C32-XXXXXX, TA2C32R-XXX, TA2C32R-XXXXXX, TA2C64-XXX, TA2C64-XXXXXX, TA2C64R-XXX, and TA2C64R-XXXXXX are combination master/area alarms that monitor 32 or 64 normally closed switched signals and up to 6 gas/vacuum pressure pipeline signals.

Mega2 model numbers: M2L-XXXX, M2L-XXXXXXXX, M2R-XXXX, M2R-XXXXXXXX, M2N-XXXX, and M2N-XXXXXXXX are master and area alarms that monitor up to 40 normally closed switched inputs and/or up to 8 gas/vacuum pipeline pressure signals. When an input switch closes, a green LED for the signal is illuminated. When an input switch opens, a red LED flashes and the audible alarm sounds. If the gas/vacuum pressure is within preset limits, the green NORMAL indicator for the service illuminates. If the gas/vacuum drops below or rises above preset limits, the red LOW or HIGH indicators flash.

The rough-in box is fabricated from 18 gauge (.0478) steel and the box mounting brackets are adjustable to accommodate for different wall thickness.

Input power to TotalAlert2 & Mega2 is: 115 to 220 VAC, 50 to 60 HZ.


**Terms and Conditions:** The above-described signaling devices are accepted under the following conditions:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the applicable provisions of the New York City Building Code, specifically Reference Standards RS 16 & 17. Further, the installation shall be in accordance with the manufacturer’s recommendations and the UL-standard.

2. The installation shall meet the applicable requirements of NFPA 99 of 1987.

3. The factory-set variable volume-control shall be such that it cannot be set at a level less than 80 dBA at 3 feet in accordance with the requirements of NFPA 99.

4. Literature available to the general public shall not include volume control as a feature of the panel.

5. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.