595 SERIES
AMMONIA ALARM MONITOR

APPLICATIONS
For monitoring of controlled atmosphere (C/A) fruit storage rooms, poultry farms, ammonia refrigeration equipment, or confined spaces.

FEATURES
• Sensitive, long-life electrochemical NH₃ sensor
• Instant warm-up, no waiting
• Available with pumped or diffusion-style sampling
• Easy to use and calibrate
• Digital readout in PPM NH₃
• Dust-tight NEMA 12 enclosure
• 4-20 mA or 0-1 VDC recorder output

OPTIONS
• Low flow alarm on pumped sample models
• Alarm with relay contact and 'Sonalert' audible alarm with 'Acknowledge' button
• NEMA 4X weather proof and corrosion-resistant enclosure
• Bright red strobe light
• Remote diffusion-style sensors (DR-models) can monitor up to four separate areas

CALIBRATION
• On ammonia-free ambient air for zero
• Analyzed calibration gas 40-50 PPM NH₃ for span

NOVA ANALYTICAL SYSTEMS
www.nova-gas.com
DESCRIPTION

The Nova 595 Series Ammonia alarm monitors are designed for the continuous detection of ammonia in ambient air or in air drawn from a confined space or C/A room. These monitors are of particular benefit for leak detection in plants that use ammonia-type refrigeration systems.

Since the sensor does not require high levels of oxygen to be present in the sample for proper detection of ammonia, the Model 595 can be used to sample C/A storage rooms which may have low O\textsubscript{2} levels. The ammonia sensor is of the disposable electrochemical type with an expected monitor life of 3-4 years. It is easy to replace in the field.

MODELS

• 595D - Diffusion sensor, no sample pump
• 595P - Pumped sample version
• 595DR1 - with one remote NH\textsubscript{3} sensor
• 595DR2 - with two remote NH\textsubscript{3} sensors
• 595DR3 - with three remote NH\textsubscript{3} sensors
• 595DR4 - with four remote NH\textsubscript{3} sensors

SPECIFICATIONS

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Nova reserves the right to specification changes which may occur with advances in design without prior notice.

UNIQUE APPLICATIONS

All Nova analyzers are built using proven technologies and techniques. If this product does not suit your application, please contact Nova at 1-800-295-3771. In many cases, we are able to build an analyzer specific to your needs.