

**AGTRON S-SERIES GENERAL APPLICATION
SMALL VIEWING AREA ANALYZER**

INTRODUCTION

The new S-SERIES is the result of Agtron's 50 years of experience supplying analytical equipment to the food industry. It is a reflectance measuring abridged spectrophotometer designed specifically to deal with the challenge of measuring color and process related change associated with food products. It is an all solid-state replacement for the previous Agtron M-45D general application small area analyzer.

Agtron analyzers have become the quality control standard for a variety of products worldwide. The S-SERIES is suited for appearance and color measurement of a wide range of color homogenous and color semi-homogenous products including but not limited to flour, grains, nuts, fruit concentrates and juices, powders, spices, seasoning, sauces, paste, condiments, liquids, and small particulate items.

The S-Series also accurately and selectively evaluates the process development of bake, toast, par-fry / fry, and for a wide range of product categories.

MODES OF OPERATION

Four Color Reflectance Mode (red-yellow-green-blue):
Provides a numeric score for each of four color bands that represent the visible spectrum simultaneously

Single Color Reflectance Mode: Displays a user selected color-band as a numeric score

Appearance Mode: Uses the four visible color-bands and provides a single score calculated with perception bias. This score relates to how product color is perceived by the human eye.

Brightness Mode: Uses the full color spectrum to determine the perceived lightness/darkness of a product

Ratio Mode (Optional): This is a special feature for determining the maturity of fresh tomato juice. It also accurately evaluates the degree of cook for tomato sauce and paste.

S-SERIES FEATURES

- 4.8sq.in Circular Viewing Window
- Self Contained Internal Micro-Processor
- Excellent Stability, Linearity & Resolution
- Long-Life Solid State Illumination
- Fully Automated Calibration
- Durable Synthetic Calibration Standard
- Calibration Flexibility
- High Contrast Backlit LCD Display
- Super-Regulated & Isolated Internal Power Supply
- Sturdy Construction Suitable for the Production Environment

Simple calibration, non-critical sample preparation, easy to understand numeric scores, and robust construction make the S-SERIES the ideal choice for both product development and production quality control.

To discuss your specific quality control requirements, or for a more detailed explanation of how the Agtron S-SERIES can fulfill your product development, or production needs, please contact us directly:

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