

Anexa 27, Cititor de plăci ELISA

Chromate 4300

Nr. de inregistrare AMDM: DM000437991

Parametri solicitati	Parametri oferiti
compatibil cu plăci de 96 godeuri, filtre de lungime de undă aproximativ 450–650nm, diapazon de măsurare lungimi de undă aproximativ 340-850 nm, domeniu de citire aproximativ 0-6 Abs/ -, linearitate +/-2%, rezoluție aproximativ – 0,001 Abs/ Precizia CV ≤0,2% (0,3-3 Abs), Photodetector, software ELISA inclus p/u PC, Calculator și imprimantă incluse în set, conectare prin USB, conexiune la imprimantă Condiții obligatorii: livrarea la sediul beneficiarului; instalarea și punerea în funcțiune; instruirea personalului la sediul beneficiarului; manual de utilizare în limba română; marcaj CE; garanție minim 24 luni. Termenul de livrare: 90 de zile de la semnarea contractului, suport tehnic sau calibrare Locație/destinatar final: (Sajin O.).	compatibil cu plăci de 96 godeuri, 4 standard filters (405, 450, 492, 630 nm), diapazon de măsurare lungimi de undă disponibil până la 750 nm (filtre 405–750 nm), nu ajunge la 850 nm, domeniu de citire aproximativ 0-4Abs/ -, Acuratețe fotometrică: ±(1% din valoarea măsurată ±0,010 Abs) în intervalul 0–1,5 Abs; ±(2% din valoarea măsurată ±0,010 Abs) în intervalul 1,5–3,0 Abs. Fotodetector cu 8 canale, software ELISA inclus p/u PC. Conform datelor din broșura. Calculator și imprimantă incluse în set, conectare prin USB, conexiune la imprimantă prin PC Condiții obligatorii: livrarea la sediul beneficiarului; instalarea și punerea în funcțiune; instruirea personalului la sediul beneficiarului -da manual de utilizare în limba română -da; marcaj CE -da; garanție minim 24 luni -da Termenul de livrare: 90 de zile de la semnarea contractului -da, suport tehnic sau calibrare -da

CHROMATE® 4300

ELISA 96 well Microwell plate reader



sales@awaretech.com

Features of the ChroMate®

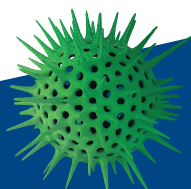
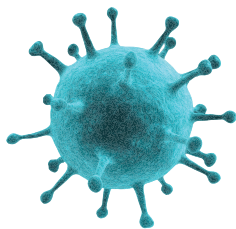
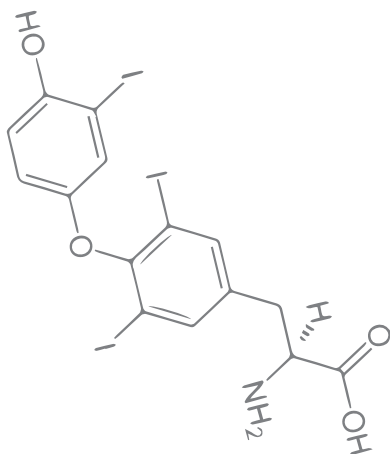
- ◆ Economical open system & compact design
- ◆ Reads an 96 microwell plate in 12 seconds
- ◆ Multiple calculation modes
- ◆ Dependable performance
- ◆ Custom filter configurations available
- ◆ Intuitive software, designed for ease of use

ChroMate® is a powerful yet compact 8-channel microwell plate reader which features: Precision optics, user-programmable assays, standard four filter model (405, 450, 492, and 630 nm) with (optional) six filter VIS model.

ChroMate® is an open system and may be used to read most microwell based ELISA kits.

Once installed, ChroMate® management software comes preconfigured to interface with your PC and the ChroMate® analyzer via a high-speed USB connection.

The ChroMate® with your PC provides the rapid reading of 96 well microwell plates or individual microwell strips, customizable reports, calibration curve fit, and unlimited data storage to meet the requirements of the modern laboratory.



 **AWARENESS®**
TECHNOLOGY, INC.

CHROMATE®

4300 Microplate Reader Specifications

Optical measurement range	0.0 to 4.0 absorbance units (A)
Photometric accuracy	± (1% of the reading +/-0.010) from 0 to 1.5 ABS) ± (2% of the reading +/-0.010) from 1.5 to 3.0 ABS)
Stability	Drift of no more than 0.005A in 8 hours
Light source	Halogen lamp source with lamp saver feature
Wavelengths	Standard: 405, 450, 492, and 630 nm Optional 6-filter: 405, 450, 492, 545, 600, and 630 nm (must be ordered at time of manufacturing) Filter options from 400 nm to 750 nm
Filter Type:	IAD hardcoat interference, 10 nm half bandpass
Vessel:	Standard 96-well microwell plates, or strip trays
Power Requirements:	100V or 240V AC, 70W, 50-60Hz (auto-sensing)
PC connection:	USB Port
Speed:	Reads absorbances of 96 wells in about 12 seconds
Plate Transport:	Stepper motor
PC interface with ChroMate	Manager software - included. (PC not included)
Calculation Modes:	Single point calibration, point-to-point curve fit, polynomial regression, linear and sigmoidal regression (log & linear), cutoff absorbance, multi-point % absorbance
Additional Features:	User-programmable open system, selectable plate formatting, alpha numeric test naming, automatic interpretation options, duplicate well options, curve plotting and editing, flags and error messages
Certifications:	NRTL Listed, CE Mark Awareness Technology Quality System is certified under ISO13485:2016
Enclosure:	All metal enclosure
Dimensions:	Approx. 7.5x8.0x16.5 (19x20.3x42cm) Weights 10 lbs. (4.5kg)

ISO 13485:2016



Dri-Dye® Check Strips

For performance verification of Stat Fax®, ChroMate®, and other microstrip and microplate readers



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**AWARENESS
TECHNOLOGY, INC.**
Laboratory Instruments • Cost Effective by Design

Declaration of Conformity

Product Identification

Product Name	Model Number
StatFax® Microstrip Reader	4700
StatFax® Chemistry Analyzer	1904 ⁺
	3300
	4500
	2902
ChemWell® Chemistry Analyzer	2910
	4620
ChemWell-T® Chemistry Analyzer	4800
ChemWell Fusion® ELISA / CLIA Analyzer	4200
StatFax® Microplate Reader	2200
StatFax® Incubator/Shaker – Digital Dry Bath	2600
StatFax® Microplate Washer	3910
ISE® Electrolyte Analyzer	4900
Lumistat® Luminometer	4400
Lumate® Luminometer	4300
Chromate® Microplate Reader	5100
ChemWell 2® ELISA / CLIA Analyzer	5801
ChemWell RPR® Automated Analyzer	

Product Class: Other IVD Devices

Legal Manufacturer

Name : Awareness Technology, Inc.
Address: 1935 SE Martin Highway
Palm City, Florida 34990
Country: USA

Means of Conformity

Awareness Technology, Inc. declares that the products listed are in conformity with Annex III, essential requirements and provisions of Council Directive: 98/79/EC and are in conformance with the following standards: EN 61326-1 EMC/ EN61010-1 Safety

Representative: **Authorized Representative
in Europe**

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*Self-certified under the principles of ISO
13485:2016 Registered Medical Device Quality
System under 13485:2016*

Place and Date
Signature

Awareness Technology, Inc.

August 24th, 2021

Name
Title

Steve Andrus
Quality Manager