

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Electrical equ. for measurement, control and laboratory use Analyzer Dart (Direct Analysis in Real Time)
Name and address of the applicant	<b>IonSense Inc.</b> 999 Broadway, Suite 404 Saugus MA 01906 USA
Name and address of the manufacturer	IonSense Inc. 999 Broadway, Suite 404, Saugus MA 01906, USA
Name and address of the factory	IonSense Inc. 999 Broadway, Suite 404, Saugus MA 01906, USA  Enercon Technologies Inc 25 Northbrook Drive, Gray ME 04039, USA
Ratings and principal characteristics	Rated Input Voltage: 100-240 V AC Rated Frequency: 50/60 Hz Rated Input Current: 4.0 A Rated Input Power: 320 W Protection Class: I
Trade mark (if any)	IonSense
Model/type Ref.	DART SVP, DART-OS, DART-SVP-M, DART-Qda, DART-HT, DART-Qda-Auto, DART-W, DART-JS, DART-JS-HTS, DART Qda-JS, DART-JS-HTS-P, DART-Qda-HTS-P, DART-JS-HTS-PD, DART-QDa-HTS-PD
Additional information (if necessary)	Certificate DE 3 – 31362 issued 2020-09-30 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010 IEC 61010-1:2010/AMD1:2016 IEC 61010-2-010:2019 IEC 61010-2-081:2019
as shown in the Test Report Ref. No. which forms part of this certificate	72173316-000

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This CB Test Certificate is issued by the National Certification Body

CB 082315 0009 Rev. 02

Date, 2022-03-03



( Glenn H. McLaughlin )

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Product Service

**Model Differences:****DART-SVP**

The SVP comes standard with the HW10029/39 automated linear rail (which was tested) and a metal sample holder called the Quickstrip (SVP-40001)

**DART-OS**

With the OS the linear rail and quickstrip and removed. Instead the OpenSpot-Module is shipped. This is a metal sample holder.

**DART-SVP-M**

Same as DART-OS but with OpenSpot removed. Just the base unit, without any sample holders.

**DART-QDa**

The OpenSpot-Module is shipped (same as the DART-OS), and a custom interface is shipped. This interface is a metal and plastic assembly (WQDA-30007 and WQDA-40006) that is attached to a piece of customer equipment called the ACQUITY QDa.

Also, the WQDA-40004 is a slightly different version of the source. It has a different metal baseplate than the sources provided with the other 3 models. I can provide more details on this if necessary.

**DART-HT**

Same as SVP with Dual rail added (rail previously tested as accessory)

**DART-QDa-Auto**

Same as DART-QDa, except OpenSpot-Module is removed, and replaced with the automation items included with the SVP: linear rail HW10039 and Quickstrip (SVP-40001)

**DART-W**

Same as above, but with the automation components removed. Same as base unit, configured for the Acquity QDa, but with no sample holders.



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(IECEE) CB SCHEME**DART-JS**

The JS is a replacement model for the SVP. The JS comes standard with a XE401 Linear Rail and a holder called the Quickstrip (SVP-40001).

The JS replaces the following items for the SVP: new software/firmware, new linear rail, new source baseplate. The remaining items are identical.

**DART-JS-HTS**

The JS-HTS is a replacement model for the DART-HT. The JS-HTS comes standard with a dual XE401 Linear rail and a High Throughput Module.

The JS-HTS replaces the following items for the HT: new software/firmware, new linear rails, new source baseplate, and updated High Throughput module. The remaining items are identical.

**DART-QDa-JS**

This is a DART-JS, with a handful of additional brackets that allow us to interface to an instrument called a QDa. It is otherwise identical in every way

**DART-JS-HTS-P**

This is a DART-JS-HTS with a software package and a bulk set of consumables all sold as a single item  
It is the identical set of hardware

**DART-QDa-HTS-P**

This is identical to the DART-JS-HTS-P except it also includes the brackets for the QDa

**DART-JS-HTS-PD**

Identical to the DART-JS-HTS-P except the Vapor Pump is removed for shipment to overseas distributors.

**DART-QDa-HTS-PD**

Identical to the DART-QDa-HTS-P except the Vapor Pump is removed for shipment to overseas distributors.

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