



# ELECTRON MACHINE CORPORATION

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## International Certifications and Explosion Proof Ratings for the MPR E-Scan

Electron Machine Corporation is proud to have achieved a variety of certifications for the MPR E-Scan, MPR E-Scan Intrinsically Safe (I.S.), MPR E-Scan Severe Duty and 3-A Certification for sanitary adapters.

Electron Machine Corporation manufactures the MPR E-Scan; a rugged, dependable, accurate, and cost effective in-line refractometer. Capabilities include 4-20mA and 0-10VDC outputs, a variety of up to 8 internal relays for direct control of a variety of valves, alarms, and warning indicators, as well as the capability of saving up to 99 different recipes each with their own alarms, set-points and controls. All models of the MPR E-Scan are IP66, NEMA4X rated, for rugged use and maximum durability.

For our European clients, MPR E-Scan in the various models listed above are CE certified, which includes compliance with RoHS and WEEE Directives. Additionally, our MPR E-Scan I.S. is ATEX certified, Certificate Number: ITS19ATEX204319X, and a rating of  $\text{Ex}$  II 1 G Ex ia IIC T4 Ga -20C ≤ Ta ≤ +52C.

Our clients in North America are served by our family of MPR E-Scan that are cETLus certified to UL Standards 61010-1, 60079-0, and 60079-11; as well as CSA standards C22.2 # 61010-1, C22.2 # 60079-0, and C22.2 # 60079-11. Additionally, the MPR E-Scan I.S. model is certified HAZLOC Class 1, Division 1, Groups A-D T4, Class 1, Zone 0, Ex ia IIC T4 Ga, Ex ia IIC T4 Ga at a temperature range of -20C ≤ T amb ≤ +52C.

For our clients throughout Africa, Asia, and Australia, the MPR E-Scan I.S. is IECEx Certified, Certificate Number IECEx ETL 19.0001X, fully compliant with standards IEC 60079-0:2017 and IEC 60079-11:2011. The rating is: Ex ia IIC T3 -20C ≤ T amb ≤ +52C. Electron Machine also works with specific local certifications and is currently in the application process for Japanese TIIS acceptance for the MPR E-Scan I.S.

Please contact Electron Machine Corporation (+1 352-669-3101) for more information or check out our many accounts on social media.