

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Subpart B, Class B of Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their expense.

The 2020PROPlus Intrinsic Safety (I/S) Notice



THE VOC Pro IS CLASSIFIED FOR USE IN CLASS I, DIVISION 1, GROUPS A, B, C, D HAZARDOUS LOCATIONS. T4 (135°C) RATING.

It has been listed by MET® to comply with Underwriters Laboratories® Inc. UL® 913 *Standard for Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, Division 1, Groups A, B, C, D Hazardous (Classified) Locations*, Sixth Edition when powered by G202029 Battery Pack. THE VOC Pro IS NOT INTENDED TO DETECT COMBUSTIBLE LEVELS OF GASES. THE VOC Pro IS CLASSIFIED FOR USE IN ATMOSPHERES CONTAINING COMBUSTIBLE LEVELS OF GASES.

These accessories are for use with the 2020PROPlus in a hazardous location:

MX350006	Calibration Regulator
MX350007	Wrist Strap
MX750011	Belt-Clip Holster

MX750020	Carrying Case
MX790000	User's Reference Card
MX750070	Long Sample Probe
MX750060	Short Sample Probe

Do not use any other accessories with the 2020PROPlus in a hazardous location.

Substitution of components may affect safety rating.

CAUTION

To reduce the risk of fire or injury to persons, read and follow these instructions:

- 1. All calibration, maintenance and servicing of this device, including battery charging, must be performed in a safe area away from hazardous locations. Disconnect all power before servicing.*
- 2. There are no operator replaceable parts inside the 2020PROPlus except the battery pack, UV lamp and sample inlet filter.*
- 3. There are no operator serviceable parts inside the 2020PROPlus.*

WARNING

1. *For replacement battery pack use only Part No. MX700010.*
2. *Do not dispose of the battery pack in a fire. The cells may explode. The battery pack must be disposed of properly. Check with local codes for possible special disposal instructions.*
3. *Do not open or mutilate the battery pack. If the 2020PROPlus is used in a manner not specified, the protection provided by the 2020PROPlus may be impaired.*
4. *Exercise care in handling battery packs in order not to short the terminals with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.*
5. *Do not defeat proper polarity orientation between the battery pack and battery charger.*
6. *Charging the battery is only to be done in a non-hazardous area.*
7. *Charge the battery pack using the AC adapter provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual. For AC adapter use only Part No. MX350002 (115 Volts AC), MX396013 (220 Volts AC). When using the AC adapter do not block access to AC outlet in use with adapter. AC adapter is not to be used in a hazardous area.*

ATTENTION

2020PROPlus EST CLASSIFIÉ POUR USAGE DANS LES EMBLEMES DANGEREUX DE CLASSE I, DIVISION 1, GROUPES A, B, C, D. ÉVALUATION T4 (135°C).

2020PROPlus est conforme à la norme des Underwriters Laboratories Inc. UL 913 *Standard for Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, Division 1, Groups A, B, C, D Hazardous (Classified) Locations*. Quatrième édition.

2020PROPlus est conforme à la norme de CSA *Standard 22.2 No. 157-92 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations*.

2020PROPlus EST NE PAS INTENDER POUR DÉTECTER DES NIVEAUX DE COMBUSTION DES GAZ. CET APPAREIL EST CLASSIFIÉ POUR USAGE DANS DES ATMOSPHÈRES CONTENANT DES NIVEAUX DE COMBUSTION DES GAZ.

Les accessoires suivants peuvent également être utilisés avec l'appareil dans un emplacement dangereux:

MX350006	Régulateur de calibration
MX350007	Sangle de poignet
MX750011	Étui de ceinture
MX750020	Étui de transport
MX790000	Carte de référence
MX750070	Gamme d'échantillons
MX750060	Petite Gamme d'échantillons

Ne pas utiliser d'autres accessoires avec cet appareil dans un emplacement dangereux.

La substitution des composantes peut nuire à la sécurité d'emploi.

ATTENTION

Pour réduire le risque de feu ou blessures, lisez attentivement ces directives:

- 1. Tout étalonnage et entretien, incluant le chargement de la batterie, doit être fait dans un endroit sécuritaire et non-explosif. L'alimentation électrique doit être mis hors-service.*
- 2. Aucune pièce ne peut être changée par l'utilisateur à part la batterie.*
- 3. Aucun entretien ne peut être fait par l'utilisateur.*

ATTENTION

- 1. Utilisez seulement des batteries rechargeables de type nickel cadmium avec un chargeur 12 Volts DC (Pièce # MX700010).*
- 2. Ne jetez pas les batteries dans le feu. Elles pourraient exploser Vérifiez avec la réglementation locale avant d'en disposer.*
- 3. Ne pas ouvrir ou briser la batterie. La protection offerte par le 2020PROPlus sera alors inutile.*
- 4. La manutention de la batterie nécessite d'éviter les produits conducteurs comme des anneaux, bracelets ou clés pour éviter tout court-circuit La batterie pourrait surchauffer et causer des brûlures.*
- 6. Ne pas modifier la polarité entre la batterie et le chargeur.*
- 7. Utilisez seulement l'adaptateur AC spécifié dans le manuel. (Pièces # MX350002 (115 Volts AC), MX396013 (220 Volts AC)). Ne pas bloquer la sortie de l'adaptateur AC.*

ATEX Directive and EMC Directive

EC Declaration of Conformity

We **Photovac, Inc.**
 300 Second Avenue
 Waltham, MA 02451 USA

declare that: Equipment **Photoionization Monitor**

 Model name **2020PROPlus**

in accordance with the following Directives:

94/9/EEC ATEX Directive

89/336/EEC The Electromagnetic Compatibility Directive

has been designed and manufactured to the following standards:

Safety: EN61010-1:2001

EMC: EN61326:1997:A1:1998 and A2:2001

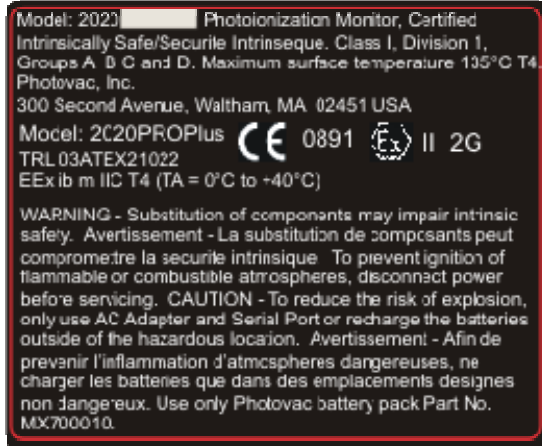
**Explosive
Atmosphere: EN50014:1998 and EN50020:2002**

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced standards and all essential requirements of the Directives.

Signed by:



Name: Thomas A. Smith
Title: President
Done at Waltham, MA, USA
On 4 July 2005



WARNING

1. *All calibration, maintenance and servicing of this device, including battery charging, must be performed in a safe area away from hazardous locations.*
2. *Disconnect all power before servicing.*
3. *Do not open UV Lamp Cap when unit is energized.*
4. *Only use the AC Adapter in a safe area away from hazardous locations*
5. *Only use the Serial Port in a safe area away from hazardous locations.*

CAUTION

To reduce the risk of fire or injury to persons, read and follow these instructions:

1. *There are no operator replaceable parts inside the 2020PROPlus except the battery pack, UV lamp and sample inlet filter.*
2. *For replacement battery pack use only Photovac Part No. MX700010.*
3. *There are no operator serviceable parts inside the 2020PROPlus.*
4. *Do not dispose of the battery pack in a fire. The cells may explode. The battery pack must be disposed of properly. Check with local codes for possible special disposal instructions.*
5. *Do not open or mutilate the battery pack. If the 2020PROPlus is used in a manner not specified, the protection provided by the 2020PROPlus may be impaired.*
6. *Exercise care in handling battery packs in order not to short the terminals with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.*
7. *Do not defeat proper polarity orientation between the battery pack and battery charger.*

8. *Charge the battery pack using the AC adapter provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual. For AC adapter use only Part No. MX350002 (115 Volts AC), MX396013 (220 Volts AC). When using the AC adapter do not block access to AC outlet in use with adapter. AC adapter is not to be used in a hazardous area.*

These optional accessories may be used with the 2020PROPlus Ex in a hazardous location:

MX350006	Calibration Regulator
MX350007	Wrist Strap
MX750011	Belt-Clip Holster
MX750020	Carrying Case
MX790000	User's Reference Card
MX750070	Long Sample Probe
MX750060	Short Sample Probe

Do not use any other accessories with the 2020PROPlus in a hazardous location.