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| <p>Dagangan : CASING/HOLDER FOR BODY DOSIMETER</p> <p>Nama Perdagangan : Clear Palstics Holder</p> <p>Jenama : Landauer</p> <p>Model : For Inlight Whole Body Dosimeter</p> | <p>Kod Tarif (Perintah Duti Kastam 2012) :</p> <p>9030.90.90 00 (PDK 2017)</p> <p>Tarikh Kelulusan : 18 Ogos 2017</p> |
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Keterangan barangan :

Barangan adalah seperti berikut:

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| Deskripsi | <p>Barangan adalah <i>clear plastic holder</i> diperbuat daripada <i>Polycarbonate</i> untuk peralatan <i>dosimeter</i> (alat untuk mengukur dos pendedahan kepada beta ray) yang akan digantung/diklip pada badan. Ia diperbuat daripada plastik bersaiz 5.5cm(P) x 3.0cm(L) untuk mengisi dosimeter yang boleh dibuka dan ditutup. <i>Casing</i> ini boleh di tukar ganti (<i>replaceable</i>) sekiranya berlaku kerosakan di bahagian tingkap/<i>window</i> barangan.</p> <p><i>Casing holder</i> mempunyai <i>window</i> bersaiz 0.5cm x 1cm dengan ketebalan 0.03mm diperbuat daripada <i>Polypropylene film with embedded/layer of Aluminium Oxide (AL203) to help in detection radiation due to beta particles.</i></p> |
| Spesifikasi | <p>Nama Barangan : <i>Clear Plastics Holder for Dosimeter</i></p> <p>Jenama : <i>Landauer</i></p> <p>Size casing : <i>67mm x 32 mm x 10mm</i></p> <p>Weight : <i>11.56g</i></p> <p>Material : <i>Polycarbonate</i></p> <p>Window Size : <i>0.5cm x 1cm x 0.03mm</i></p> <p>Window material : <i>Polypropylene film with embedded/layer of Aluminium Oxide (AL203)</i></p> |
| Kegunaan/Fungsi | <ol style="list-style-type: none"> 1. <i>To secure the case/slide assembly (LA case and N-type slide)</i> 2. <i>Allows the dosimeter to be attached to a worker's clothing via a clip attached to the holder.</i> 3. <i>To protect the dosimeter from radiation contamination and useful in calculation of dose algorithm (without the holder, dosimeter reading will not be accurate).</i> |
| Bagaimana barangan digunakan | <p>Barangan digunakan sebagai <i>casing and holder for dosimeter.</i></p> |

Ketetapan:

Ketua Pengarah Kastam Malaysia memutuskan barangan ini sesuai diperjeniskan di bawah kod tarif **9030.90.90 00 (PDK2017)** sebagai **parts for dosimeter** berdasarkan alasan-alasan berikut:

- Barangan adalah *plastic holder/casing* untuk *dosimeter* yang mempunyai *special features* iaitu *window* yang diperbuat daripada *Polypropylene film with embedded/layer of Aluminium Oxide (AL203) to help in detection radiation due to beta particles.* Berdasarkan kepada keterangan diberikan, tanpa *window* ini *dosimeter* tidak boleh memberi bacaan pendedahan kepada sinaran beta dengan tepat.

- Selain daripada itu *casing holder* berfungsi untuk :
 1. *To secure the case/slide assembly (LA case and N-type slide).*
 2. Allows the dosimeter to be attached to a worker's clothing via a clip attached to the holder.
 3. To protect the dosimeter from radiation contamination and useful in calculation of dose algorithm (without the holder, dosimeter reading will not be accurate).

Memandangkan *window* yang terletak di dalam *casing/holder* memberi sifat perlu, menjadikan barangan lebih tepat dipenjeniskan dibawah *part of dosimeter* berbanding dengan heading 3923 sebagai *plastic casing* yang bersifat lebih umum.

Barangan menepati maksud *Chapter note 2(b) Chapter 90 parts and accessories* PDK2017 mukasurat 1060 seperti berikut :

SECTION XVIII

OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; CLOCKS AND WATCHES; MUSICAL INSTRUMENTS; PARTS AND ACCESSORIES THEREOF

Chapter 90

Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof

Chapter Notes.

- (1)
- (2) Subject to Note 1 above, parts and accessories for machines, apparatus, instruments or articles of this Chapter are to be classified according to the following rules:
 - (a) Parts and accessories which are goods included in any of the headings of this Chapter or of Chapter 84, 85 or 91 (other than heading 84.87, 85.48 or 90.33) are in all cases to be classified in their respective headings;
 - (b) Other parts and accessories, if suitable for use solely or principally with a particular kind of machine, instrument or apparatus, or with a number of machines, instruments or apparatus of the same heading (including a machine, instrument or apparatus of heading 90.10, 90.13 or 90.31) are to be classified with the machines, instruments or apparatus of that kind;
 - (c) All other parts and accessories are to be classified in heading 90.33.

- Barangan mendapat liputan di bawah kepala 90.30 EN 2017 mukasurat XVIII-9030-1 seperti berikut:

90.30 - Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities, excluding meters of heading 90.28; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionising radiations.

9030.10 - Instruments and apparatus for measuring or detecting ionising radiations

9030.20 - Oscilloscopes and oscillographs

- Other instruments and apparatus, for measuring or checking voltage, current, resistance or power :

9030.31 -- Multimeters without a recording device

9030.32 -- Multimeters with a recording device

9030.33 -- Other, without a recording device

9030.39 -- Other, with a recording device

9030.40 - Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)

- Other instruments and apparatus :

9030.82 -- For measuring or checking semiconductor wafers or devices

9030.84 -- Other, with a recording device

9030.89 -- Other

9030.90 - Parts and accessories

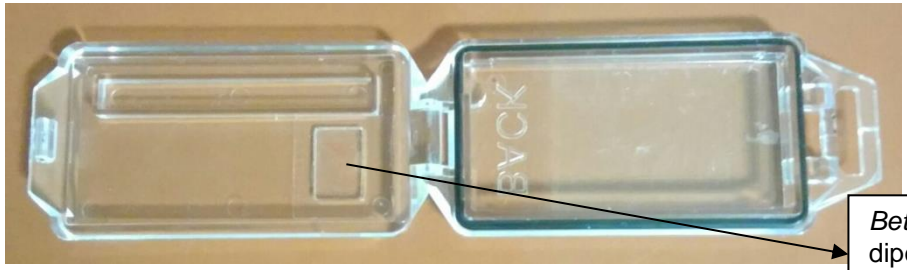
- Berdasarkan struktur tarif Perintah Duti Kastam 2017, barangan mendapat liputan seperti berikut :

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| 90.30 | Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities, excluding meters of heading 90.28; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionising radiations. |
| 9030.10.00 00 | - Instruments and apparatus for measuring or detecting ionising radiations |
| 9030.20.00 00 | - Oscilloscopes and oscillographs |
| | - Other instruments and apparatus, for measuring or checking voltage, current, resistance or power: |
| 9030.31.00 00 | - - Multimeters without a recording device |
| 9030.32.00 00 | - - Multimeters with a recording device |
| 9030.33 | - - Other, without a recording device: |
| 9030.33.10 00 | - - - Instruments and apparatus for measuring or checking voltage, current, resistance or power on printed circuit boards/printed wiring boards or printed circuit assemblies |

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| 9030.89 | - - Other: |
| 9030.89.10 00 | - - - Instruments and apparatus, without a recording device, for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies, other than those covered within subheading 9030.39 |
| 9030.89.90 00 | - - - Other |
| 9030.90 | - Parts and accessories: |
| 9030.90.10 00 | - - Parts and accessories (including printed circuit assemblies) of goods of subheading 9030.40 or 9030.82 |
| 9030.90.30 00 | - - Parts and accessories of optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies |
| 9030.90.40 00 | - - Parts and accessories of other instruments and apparatus for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies |
| 9030.90.90 00 | - - Other |

▪ Gambar barangan :



Beta window diperbuat daripada material *Aluminium Oxide*.



Beta window to help in detection of beta radiation (*Aluminium Oxide filter*)

Clear plastic holder for Dosimeter