

## Ludlum Article Monitor Comparison Table

|                  | Applications                                       | Detectors | Chamber Dimensions<br>(H x W x D)                    | Chamber Volume                | Detector Volume*<br>*6 detectors | External Dimensions<br>(H x W x D)                   | Lead Shielding                        | Weight  | Doors  | Conveyor | Weight Scale | Camera | ISO 11929 | MCA |
|------------------|--|-----------|--|-------------------------------|----------------------------------|--|---------------------------------------|---|--------|----------|--------------|--------|-----------|-----|
| <b>HWM-21</b>    | Small items  | 2         | 190 x 295 x 370 mm<br>(7.5 x 11.6 x 14.6 in.)        | 21 L (0.75 ft <sup>3</sup> )  | 9.44 L (0.33 ft <sup>3</sup> )   | 653 x 450 x 460 mm<br>(25.7 x 17.7 x 18.1 in.)       | 15 mm (0.6 in.) or<br>30 mm (1.2 in.) | 220 kg (485 lb) or<br>360 kg (794 lb)             | 1 or 2 | no       | no           | no     | yes       | no  |
| <b>HWM-38</b>    | Small items with mass up to<br>50 kg (110 lb)      | 4 or 6    | 281 x 352 x 390 mm<br>(11.1 x 13.9 x 15.4 in.)       | 38 L (1.34 ft <sup>3</sup> )  | 29.4 L (1.04 ft <sup>3</sup> )*  | 951 x 657 x 785 mm<br>(37.4 x 25.9 x 30.9 in.)       | 25 mm (1 in.) or<br>50 mm (2 in.)     | 600 kg (1320 lb) or<br>900 kg (1980 lb)           | 1 or 2 | no       | yes          | yes    | yes       | yes |
| <b>54A</b>       | Small items with mass up to<br>45.4 kg (100 lb)    | 4 or 6    | 356 x 356 x 356 mm<br>(14 x 14 x 14 in.)             | 45 L (1.6 ft <sup>3</sup> )   | 33.3 L (1.17 ft <sup>3</sup> )*  | 940 x 686 x 800 mm<br>(37 x 27.0 x 31.5 in.)         | 25 mm (1 in.) or<br>50 mm (2 in.)     | 771 kg (1,700 lb) or<br>1,247 kg (2,750 lb)       | 1      | no       | no           | no     | no        | no  |
| <b>HWM-65</b>    | Small items with mass up to<br>100 kg (220 lb)     | 4 or 6    | 400 x 400 x 400 mm<br>(15.75 x 15.75 x 15.75 in.)    | 65 L (2.3 ft <sup>3</sup> )   | 71.64 L (2.5 ft <sup>3</sup> )*  | 1,159 x 694 x 808 mm<br>(45.6 x 27.3 x 31.8 in.)     | 25 mm (1 in.) or<br>50 mm (2 in.)     | 970 kg (2,140 lb) or<br>1,520 kg (3,350 lb)       | 1 or 2 | no       | yes          | option | yes       | yes |
| <b>HWM-100</b>   | Small items with mass up to<br>100 kg (220 lb)     | 4 or 6    | 460 x 460 x 460 mm<br>(18.1 x 18.1 x 18.1 in.)       | 97 L (3.43 ft <sup>3</sup> )  | 49 L (1.73 ft <sup>3</sup> )*    | 1,186 x 784 x 855 mm<br>(46.7 x 30.9 x 33.7 in.)     | 25 mm (1 in.) or<br>50 mm (2 in.)     | 1,102 kg (2,430 lb) or<br>1,903 kg (4,195 lb)     | 1 or 2 | no       | yes          | option | yes       | yes |
| <b>54</b>        | Small items with mass up to<br>45.4 kg (100 lb)    | 4 or 6    | 508 x 508 x 508 mm<br>(20 x 20 x 20 in.)             | 130 L (4.6 ft <sup>3</sup> )  | 71.4 l (2.52 ft <sup>3</sup> )*  | 1,390 x 909 x 953 mm<br>(54.7 x 35.8 x 37.5 in.)     | 25 mm (1 in.) or<br>50 mm (2 in.)     | 1,315 kg (2,900 lb) or<br>2,087 kg (4,600 lb)     | 2      | no       | no           | no     | no        | no  |
| <b>HWM-180</b>   | Small items with mass up to<br>100 kg (220 lb)     | 4 or 6    | 600 x 550 x 550 mm<br>(23.6 x 21.7 x 21.7 in.)       | 181 L (6.4 ft <sup>3</sup> )  | 71.64 L (2.5 ft <sup>3</sup> )*  | 1,346 x 844 x 991 mm<br>(53 x 33.2 x 39 in.)         | 25 mm (1 in.) or<br>50 mm (2 in.)     | 1,900 kg (4,190 lb) or<br>2,500 kg (5,510 lb)     | 1 or 2 | no       | yes          | option | yes       | yes |
| <b>HWM-400</b>   | Items with mass up to<br>150 kg (330 lb)           | 6         | 900 x 700 x 750 mm<br>(35.4 x 27.6 x 29.5 in.)       | 473 L (16.7 ft <sup>3</sup> ) | 125 L (4.41 ft <sup>3</sup> )    | 1,979 x 1,095 x 1,118 mm<br>(77.9 x 43.1 x 44 in.)   | 30 mm (1.2 in.) or<br>50 mm (2 in.)   | 2,500 kg (5,620 lb) or<br>3,350 kg (7,385)        | 1 or 2 | option   | yes          | option | yes       | yes |
| <b>HWM-400S</b>  | Items with mass up to<br>150 kg (330 lb)           | 6         | 900 x 700 x 750 mm<br>(35.4 x 27.6 x 29.5 in.)       | 473 L (16.7 ft <sup>3</sup> ) | 125 L (4.41 ft <sup>3</sup> )    | 1,979 x 1,095 x 1,118 mm<br>(77.9 x 43.1 x 44 in.)   | 30 mm (1.2 in.) or<br>50 mm (2 in.)   | 2,500 kg (5,620 lb) or<br>3,350 kg (7,385 lb)     | 1 or 2 | yes      | yes          | option | yes       | yes |
| <b>HWM-550</b>   | Items with mass up to<br>600 kg (1320 lb)          | 6 or 10   | 1,100 x 700 x 700 mm<br>(43.3 x 27.6 x 27.6 in.)     | 550 L (19.4 ft <sup>3</sup> ) | 160 L (5.65 ft <sup>3</sup> )    | 1,825 x 1,272 x 1,040 mm<br>(71.9 x 50.1 x 40.9 in.) | 50 mm (2 in.) or<br>75 mm (3 in.)     | 5,000 kg (11,023 lb) or<br>3,350 kg (7,385 lb)    | 1 or 2 | yes      | yes          | option | yes       | yes |
| <b>HWM-1800</b>  | Large items with mass up to<br>1,000 kg (2,200 lb) | 24        | 1,210 x 1,120 x 1,380 mm<br>(47.6 x 47.6 x 54.3 in.) | 1,870 L (66 ft <sup>3</sup> ) | 319 L (11.3 ft <sup>3</sup> )    | 2,223 x 1,913 x 1,765 mm<br>(87.5 x 75.3 x 69.5 in.) | 50 mm (2 in.) or<br>75 mm (3 in.)     | 11,500 kg (25,350 lb) or<br>15,500 kg (34,170 lb) | 1 or 2 | yes      | yes          | option | yes       | yes |
| <b>HWM-1800C</b> | Large items with mass up to<br>1,000 kg (2,200 lb) | 24        | 1,210 x 1,120 x 1,380 mm<br>(47.6 x 47.6 x 54.3 in.) | 1,870 L (66 ft <sup>3</sup> ) | 319 L (11.3 ft <sup>3</sup> )    | 2,591 x 2,438 x 2,991 mm<br>(102 x 100 x 118 in.)    | 50 mm (2 in.) or<br>75 mm (3 in.)     | 13,500 kg (29,760 lb) or<br>17,500 kg (38,580 lb) | 1 or 2 | yes      | yes          | option | yes       | yes |