



M-SCREEN⁺

Superfast Automated Melee Screening Device



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What you need to know about your M-Screen⁺

Differentiating natural diamonds from laboratory-grown (synthetic) diamonds is becoming more and more difficult these days.

Professional grading labs such as HRD Antwerp have the expertise and equipment to identify synthetic diamonds. The development of an automatic melee screening device was therefore deemed necessary.

To this end, WTOCD - the Antwerp research centre for diamonds - has developed the **M-Screen⁺, a superfast tabletop automatic melee screener** that HRD Antwerp commercializes.

The M-Screen⁺ screens round brilliant diamonds from 0,005 to 0,20 ct for Natural, Potential lab-grown/HPHT colour treated and Simulants.

The M-Screen⁺ automatically feeds, screens and sorts round brilliant diamonds at a **super speed of minimum three diamonds per second** or 11.000 per hour.

Depending on the size of the stones and the size of the batch, the speed can be as high as a staggering 15.000 diamonds per hour.

The key features of M-Screen⁺

- Compact table top model
- Superfast
 - Min. 3 diamonds/sec
 - Top speed of 15.000 per hour
- Processes round brilliant diamonds from 0,005 to 0,20 ct, D-J colour
- Screens for Natural, Potential lab-grown/HPHT colour treated diamonds, Simulants

- Technology: short wave UV light and other patented technologies
- Reliable and consistent results

For more information contact:

T. +32 3 222 06 23 | equipment@hrdantwerp.com

Screening Service by HRD Antwerp

HRD Antwerp offers a screening service with the M-Screen⁺ for melee diamonds (0,005 – 0,20 ct) in its diamond lab in Antwerp.

For more information contact:

T. +32 3 222 06 25 | diamondlab@hrdantwerp.com

- Screening for Natural, Potential lab-grown/ HPHT colour treated diamonds, Simulants
- Batches of minimum 10 ct diamonds
- 0,005 tot 0,20 ct
- Round colourless to near colourless brilliants only (D-J)
- Sorted and sealed parcels are returned next day

HRD ANTWERP IS BASED IN ANTWERP, DIAMOND CAPITAL OF THE WORLD.

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