

HAYER & BOECKER



DIE DRAHTWEBER

HAYER CPA 2-1.

DIGITAL. TIME-SAVING.** NOISE- AND DUST-FREE.
HOW YOU CAN INCREASE EFFICIENCY IN YOUR LAB.**



HAYER CPA 2-1.

Lab device for grain size and shape analysis in the measuring range of 20 µm to 30 mm.

The HAYER CPA 2-1 laboratory unit is equipped with the latest HAYER CpaServ software, which works under common Windows operating systems. The software excels with its intuitive user interface, professional data analysis options and a clear display of results. The automatic funnel height adjustment on the HAYER CPA 2-1 enables fast, software-controlled positioning of the funnel that is precisely adapted to the material. All material-specific settings can be created once for each material in the SOP, after which only one button press is required to start the measurement. The measurement is automatically terminated and the results are saved. The measurement data can theoretically be retrieved from anywhere.

Thanks to the innovative HAYER REAL TIME function, 100% of the particles in a sample are measured. Therefore, the HAYER CPA 2-1 can even be used as a counting device.

The HAYER AS Autosampler can automatically and continuously feed up to 24 prepared samples to the laboratory unit. Ultrasonic dispersion is available for measuring finer sample material. This is used for uniform conveying - at the same time it breaks up agglomerates. To realize absolute digitization in the fully automatic process, the HAYER CPA 2-1 ONLINE is used.

Advantages of the HAYER CPA 2-1:

- digital, noise- and dust-free
- latest CpaServ software with intuitive operation and multiple analysis options
- GigE Vision camera interface - data transfer up to 100 m
- mobile due to compact design and low weight
- very good reproducibility with short measuring times
- automatic funnel cleaning
- automatic funnel height adjustment
- long-life and energy-saving LED light line

Application examples:

- fertilizer
- sand
- ceramic
- glass
- plastics
- food
- animal feed
- abrasive material



Quick and convenient thanks to the automatic funnel height adjustment.

Technical Data:

| | |
|------------------------|---|
| Measuring range: | 20 µm to 30 mm |
| Operating voltage: | 230 Volt, 50/60 Hertz or 110 Volt, 50/60 Hertz |
| Feeder width: | 55 mm |
| Camera: | CMOS Kamera |
| Horizontal resolution: | 2927 pixels |
| Pixel frequency: | 100 MHz |
| Light source: | LED |
| Interfaces: | BUS-Extension, GigE Vision, USB |
| Dimensions: | ca. 810x200x400 mm (LxWxH) |
| Weight: | approx. 21 kg |
| Colour: | white RAL 9003, blue RAL 5011 |

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