

MPOF-2

Optical ash meter



Continuous content
measurement
ash in flowing
waste coal
flotation

- measuring range 40% - 90% „A^A” ash content
- mean measuring error less than $\sigma < 3,5\% A^A$
- the device is safe and maintenance-free, built with modern and corrosion-resistant materials
- low power of the device: 25 VA

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Optical ash meter

TECHNICAL DATA

| | |
|--|--|
| ✓ Operating test | |
| - measuring range | 40 - 90% A [^] |
| - grain size of a coal sample | ≤ 0,7 mm |
| - concentration of flotation waste | > 15 g/l |
| - measurement error (standard deviation of scaling curve) | 1σ < 3,5% A |
| - working temperature range | +5°C - 40°C |
| ✓ Mechanical parameters | |
| - size | |
| - box operator | 300x400x150 mm (height/width/depth) |
| - head | φ125 mm h = 480 mm |
| - weight | |
| - box operator | 9 kg |
| - head | 3,5 kg |
| - maximum distance between box operator and head | up to 1000 m |
| - casing protection degree | |
| - box operator | IP 54 |
| - head | IP 67 |
| - material from the device was made | |
| - box operator | powder-coated casing/ casing made of stainless steel poliamid reinforced with fiberglass |
| - head PA6GF30 | |
| ✓ Electrical parameters | |
| - power supply | 230 V AC ± 10%, 50 Hz |
| - power consumption | 25 W |
| - output signals | 2 current output: 4 - 20 mA |
| ✓ Language version | Chinese, Russian, English, Polish |

Description:

- continuous content measurement ash in flowing waste coal flotation
- on-line measurement
- optical device using modern photodiodes
- evaluation of the correctness the flotation period conducted
- possible use for the purpose of automatic regulation of the flotation process
- increasing the efficiency of flotation processes, and therefore improving the economics of the process