



MICRORADAR-SERVICE LTD

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ACCOUNT

NUMBER

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[MINING-MICROWAVE-MOISTURE-ANALYZER.MICRORADAR.COM](mailto:MINING@MICRORADAR.COM) E-MAIL: MINING@MICRORADAR.COM

QUESTIONNAIRE

ordering a moisture analyzer for conveyor

Tell us about your moisture control problem and we'll find the solution. We would be very grateful if you could spare a few moments of your time to answer the confidential questions below. Any information you supply will be used solely for the explicit aim of meeting your moisture control problem and for improving our customer services.

ENTERPRISE _____

Contact person _____

Phone, email _____

Company website _____

Address of the enterprise _____

A brief description of the process for which the moisture meter is purchased.

1. Moisture measurement range % : _____

2. Required accuracy of moisture measurement (in % moisture) , _____ % :

3. **Characteristics of the measured material:**

3.1. Name: _____

3.2. Granulometric composition of the measured material, size of maximum pieces.

3.3. Temperature, °C: Min. _____ Max. _____

3.4. Presence of temperature fluctuations in the material: _____ ,

3.5. Presence of contaminants (inclusions): _____ ,

3.6. Abrasiveness _____

3.7. Tendency to stick _____

3.8. Standard method for determining moisture content adopted by the enterprise

3.9. Aggressiveness, whether acids or alkalis are added to the material during the technological process.

3.10. Density _____

3.11. Type of water in the material (free – removed by drying at 20-30 g, bound – removed by drying at 100-130 g, crystallohydrate, unknown)

3.12. Conductivity (good dielectric, poor conductivity, conductor, unknown)

4. **Installation site characteristics:**

4.1. Dimensions of the conveyor belt, mm: width _____. Rubber thickness, (mm): _____

4.2. Presence or absence of metal cord and other metal inclusions (crosslinking, etc.)

4.3. Layer thickness on the tape min ____ mm, max ____ mm

4.4 The speed of movement of the measured medium _____ cm/sec

4.5. Is the conveyor constantly filled with the measured medium during operation? Yes No

4.6. What are the dimensions of the free space for installing sensors above and below the tape?

5. **Requirements for the electronic unit of the device:**

5.1. Operating temperature, °C: Min. (not lower than - 5 C) _____ Max. (not higher than + 50 C) _____

5.2. Is a remote indicator unit required?

5.3. The device's power supply voltage is 220 V. Please let us know if you need a different power supply voltage. _____

5.4. Standard distance from the electronic unit to the sensor 3,5 m.

Is it necessary to increase the cable length? (no more 25 m):

5.5. Required current output standard, mA (one of): 0-20; 4-20; 0 –5

Dear customers.

Availability of photographs of the proposed installation location of the moisture meter will significantly speed up the development time of installation elements.

We would be grateful if you could do this.