

RD003 Geiger-Müller tube for detection of hard beta and gamma radiation

Designed to detect gamma intensity as well as hard beta radiation.

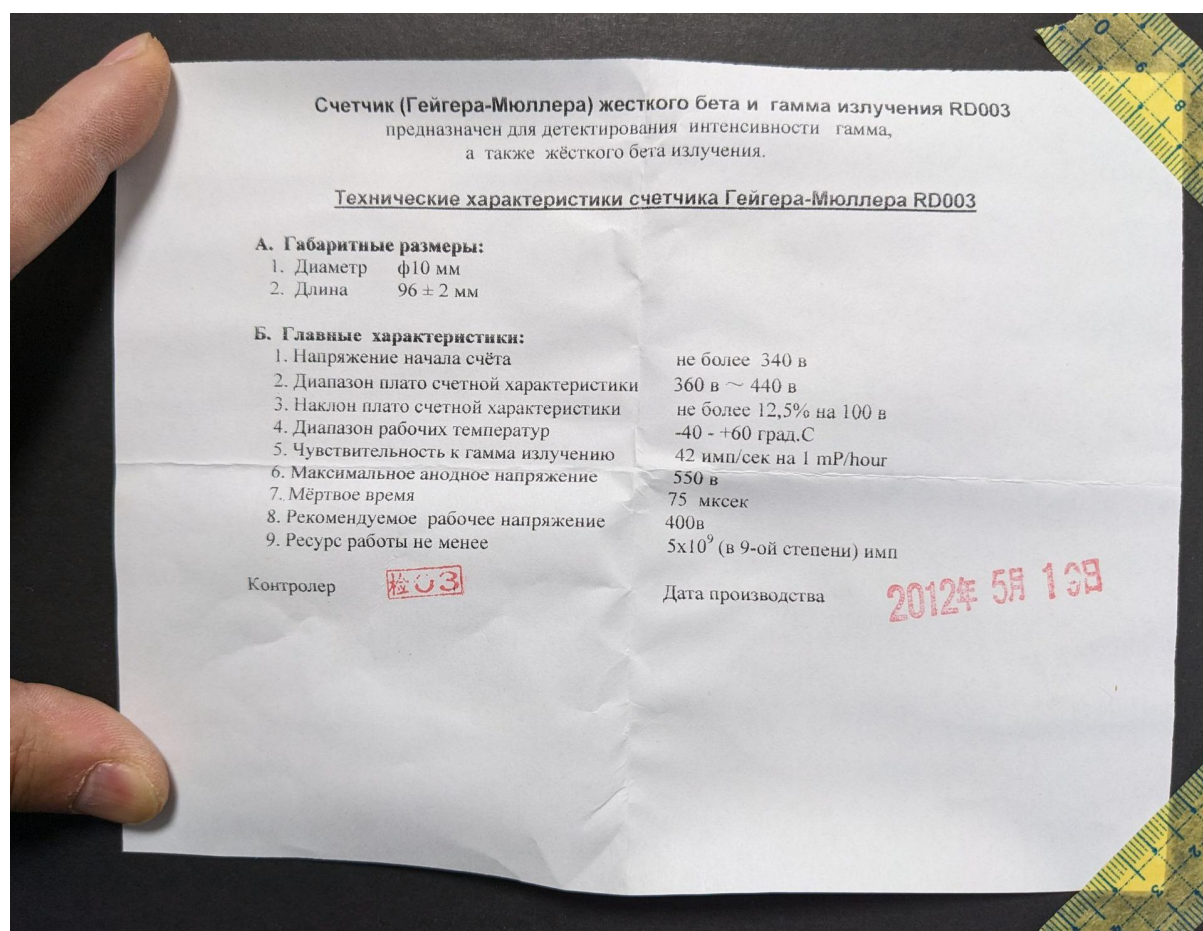
A - Overall dimensions:

- | | | |
|----|----------|----------|
| 1. | Diameter | 10mm |
| 2. | Length | 96 +-2mm |

B - Main characteristics:

- | | | |
|-----|-------------------------------|--|
| 1. | Starting voltage | No more than 340V |
| 2a. | Plateau range | 360V - 440V |
| 2b. | Plateau length | 80V |
| 3. | Plateau slope | No more than 12.5% per 100V |
| 4. | Operating temperature | -40 - +60 degrees C |
| 5. | Gamma sensitivity | 42 imp/sec at 1mR/hour |
| 6. | Maximum anode voltage | 550V |
| 7. | Dead time | 75usec |
| 8. | Recommended operating voltage | 400V |
| 9. | Service life | >5x10 ⁹ (>5,000,000,000 detections) |

Production date May 2012



Original datasheet in Russian

Counter (Geiger-Muller) of hard beta and gamma radiation

RD003 is designed to detect the intensity of gamma,
as well as hard beta radiation.

Technical characteristics of the Geiger-Muller counter RD003

A. Overall dimensions:

1. Diameter f10 mm
2. Length 962 mm

B. Main characteristics:

1. Counting voltage no more than 340 V
2. Counting characteristic plateau range 360 in 440 c
3. Slope of the plateau of the counting characteristic no more than 12.5% per 100 V
4. Operating temperature range -40- +60 degree. S
5. Sensitivity to gamma radiation 42 imp/sec at 1 mP/hour
6. Maximum anode voltage 550
7. Dead time at 75 µsec
8. Recommended operating voltage 400B
9. Work resource is not less than 5×10^9 (to the 9th power) imp

Controller

RD003

Production date

May 2012

The (Geiger-Muller) counter of hard beta and gamma radiation RD003
designed to detect gamma intensity,
as well as hard beta radiation.

Technical characteristics of the Geiger-Muller counter RD003

A. Overall dimensions:

1. Diameter 110 mm
2. Length 96 ± 2 mm

B. Main characteristics:

- | | |
|--|---|
| 1. The voltage of the beginning of the account | no more than 340 V |
| 2. The range of the plateau of the counting characteristic | 360 V - 440 V |
| 3. Slope of the counting characteristic plateau | no more than 12.5% per 100 v |
| 4. Operating temperature range | -40 - +60 degrees C |
| 5. Sensitivity to gamma radiation | 42 imp/sec at 1 mP/hour |
| 6. Maximum anode voltage | 550 V |
| 7. Dead time | 75 μ sec |
| 8. Recommended operating voltage | 400v |
| 9. The service life is not less than | 5×10^6 (in the 9th degree) imp |

The Controller

RD003

Production date

2012年 5月 13日

Translation using Yandex