

MELZ FEU, Ltd.

Strong traditions and innovations in
Photomultiplier Tubes Production

About, Background

- **MELZ-FEU** is global supplier of Photomultiplier Tubes (**PMT**) and Accessories. MELZ-FEU works with its clients, identifies and understands clients needs and requirements for special task solutions.
- More than **50 years experience** in design and production of PMT.
- Our plant combines R&D department and **factory**.
- **Quality MELZ-FEU's** devices is **tested by long-time**.



Products

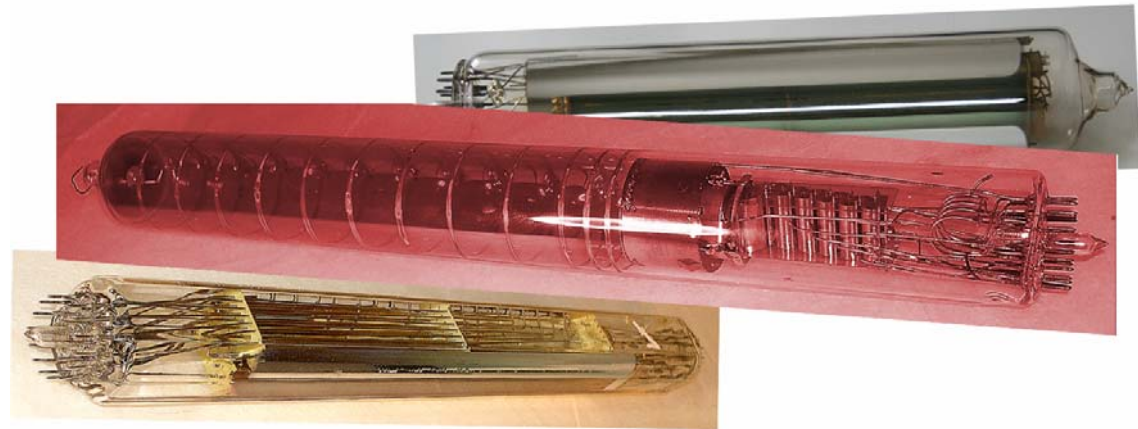
- **PMT** – for different applications:
 - Photo-, radio-, spectrometry;
 - Nuclear research, scintillators;
 - For high temperature media;
 - Solarblind, Large scale spectra;
 - For photon calculations;
 - etc.
- **Accessories** - for PMT
 - Adaptors, connectors, sockets
 - Power supplies, amplifiers
 - Magnetic shields;



R&D, New design

New & non-standard PMT

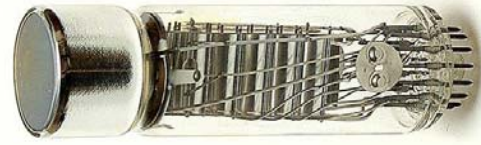
- Multichannel PMT for special applications.
- Ultra-short PMT (2-4-6 dynodes)
- The small-scale series PMT for individual projects.



Some Products

- **FEU 74 A**

- Radio-, spectrometry, logging,
- 120°C



- **FEU 102**

- Radio-, spectrometry, logging
- 150°C



- **FEU 158**

- Radio, spectrometry, logging
- 150°C



Some Products

■ **FEU 115**

- Radio, spectrometry, logging
- Special cover
- IR spectra



■ **FEU 127-2**

- Photon calculations
- Special cover



■ **FEU 151**

- Radio-, spectrometry, logging
- 150°C



R&D, New design

High quality and Special PMT Series

- Special series of PMT for individual projects;
- High resolution for spectrometry, less 9% for ^{57}Co (NaJ), typically 8,2-8,5%;
- Low energy equivalent of own noise, 1 keV
- High quantum efficiency 25-30%;
- High temperature, up to 200 °C;
- Wide spectral range 200-850 nm;
- Low voltage needs;
- Accessories.



Contacts



MELZ FEU, Ltd. (Russia)

Address: 124460, Moscow, Zelenograd,
4922 st., b. 4/5

Phone/Fax: +7(499)995-02-33

WWW: www.melz-feu.ru

E-mail: info@melz-feu.ru

Person: Davyd Kravchenko, Head of Sales Dep.