

Quick-connectors medical outlet



QUICK-CONNECTORS MEDICAL OUTLET

Medical institutions have their own regulations on electrical safety. They are more stringent than for conventional buildings and institutions. Totally, these requirements are described in GOST R 50571.28.

Medical sockets are usually quick-connect. Sockets are embedded in medical gas distribution networks and console, medical monitors, transport boxes, transport ventilators. Quick-connectors sockets support the operation of systems of chemical and biological defense.

The minimum distance from the switches, quick-connectsockets and electrical elements to the pipeline should be at least 0.5 m.

GOST R 50571.28 para. 710.55.3. Connecting the power outlet in medical rooms of group 2 with the medical system IT.

- Must be at least two outlets supplied by separate lines or
- Should be the personal protection against overcurrent for each outlet.

Gas quick-connectoutlet

The safety and stability of the medical gas supply system depends on the quality and reliability of each element. Gas quick-connectoutlet (valves) provide access to a variety of environments (air, oxygen, ozone, carbon dioxide, compressed air), used in health care settings.

Comfort and ergonomic design facilitates medical outlet easy access to the necessary gas supply and its safe, uninterrupted supply. Permanently fitted sockets made of differentiate configuration and color.

Thus, in addition to its medical quick-connectsockets specifically designed ensure the safety of complex, critical manipulation, such as an artificial lung ventilation, anesthesia, physiotherapy in pulmonology.

For the manufacture of valves used durable, long-lasting types of plastics that are resistant to moisture, disinfection treatment, heat.

To identify the gas, you should always deal with the label attached to the cylinder. At the gas outlet attached colored labels corresponding to the code of the gas.

Color code, originally, did not identify the gas, and the main risk associated with them:

- * Toxic and / or corrosive – Yellow
- * Flammable – Red
- * Oxidising – Blue
- * Choke (inert) - bright green

Certain colors are provided only for the most common gases (oxygen, nitrogen, helium, nitrous oxide).

The color codes of individual gases:

Acetylene C₂H₂ – Brown

AmmoniyNH₃ – Yellow



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Argon – Green

Nitrogen – Black

CO2 – Grey

Chlorine – Yellow

Helium – Brown

Hydrogen – Red

Oxygen – White

Nitrous oxide – Blue

Respiratory mix - black and white code

A mixture of helium-oxygen - brown-white code

Westmedgroupcompany offers a wide range of sockets, plugs with hose and screw connection and fittings production Flowmeter.