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The invention relates to medical equipment, namely to a digital stethoscope, and can be used in family medicine, cardiology, pulmo-nology, therapy and pediatrics for diagnosing cardiopulmonary pathologies.

Summary of the invention consists in that the digital stethoscope (1) for diagnosing cardio-pulmonary pathologies comprises a body-handle (2), in which is built-in an electronic system, a composite element (4) for auscul-tation of sounds and a tube (3) for attaching the body-handle (2) with the composite ele-ment (4). The body-handle (2) is made cylin-drical of plastic material of a length of 100…20 mm and a diameter of 35…45 mm, on which are installed a digital screen (8), a button (6) of the switch, a program restart button (7), a WIFI transmitter and a SIM memory card socket. The composite element (4) for auscultation of sounds is made of stainless steel, covered with plastic material and consists of two connected bells (22 and 24) and with open sides, directed in opposite directions. The first bell (22) is made open, of a diameter of 20…25 mm, in its center being made a hole (23), and around the circumfe-rence of the bell (22) is installed a ring of medical silicone. The second bell (24) is made of a diameter of 30…40 mm and is covered with an acoustic diaphragm (25) of plastic material. The tube (3) for connecting the body (2) with the composite element (4) consists of two parts (20 and 21), one of which (20) is made of plastic material of a length of 25…35 mm and a diameter of 4…7 mm, on which is fixed a scanner (16), and the second part (21) is made of stainless steel with the same dimensions. The electronic system comprises a base plate, on which are placed an Exynos processor, a GSM SIM800L module, a WIFI ESP8266 module (9), a switch button (6), a program restart button (7), a digital screen (8), a power supply, a battery, a charging plate, the scanner (16), the SIM memory card (15), a diffuser, a sound sensor, and the information is transferred using an Eko Software.

Claims: 1
Fig.: 2