

The circular scanning device contains an opto-electronic module, a rotary contact device, block of drivers, connecting cable, at that the optical-electronic module consists of a sealed enclosure in which an optical lens with a controlled shutter is installed, a television camera, safety glass with a conductive coating for glass heating, electric power converter and camera power unit cover with a light filter, block of drivers includes drive of lifting opto-electronic module, it includes a controller, end switch with locking device and a reducer, in the kinematic chain of that set the electric motor is installed, belt, planetary and screw toothed gears, the sensor of angle of rotation, a spring to reduce the load on the lift drive motor and telescopic system for protection of lifting shaft, the drive of rotation of optoelectronic module, comprising a platform for installation of optical-electronic modulus and the reducer, in the kinematic chain of that electric motor is installed, belt, planetary and cylindrical toothed gear, turn angle sensor, connecting cable in the form of a bunch is arranged with provision of its weakened condition at lifting and turning the optoelectronic module. To the structure of the lift drive further a slide is added, the key slot of the lead screw is made by the entire screw length, at that the lower end of the lead screw is closed with added housing, in the rotation drive further safety clutch is added, this is placed on the planetary gear unit, position of the end switch and locking device is changed, to that the body of a rod with housing is added, with a spring, to the angle sensor gear train from the end section of rotation drive is further added, to the set of rotary contact device conductive three-point slats are added, the casing of the device is equipped with additional elements for fastening the case to the basis of the device, the controller control unit of the device is equipped with new software.