

Quick Use Guide

MedZense LG20/LG20-e

Stand-by mode

When the screen is black and the front LED's are not blinking, the LG20 is in stand-by mode. To wake up the device, just press the screen.

Test cables



1. Connect the *instrument side* of the cable on the appropriate instrument fitting of the right side of the LG20
2. Connect the *light source* side of the cable in the appropriate light source fitting on the front of the LG20

You can press the light source adapter icons to see a full picture of the adapters

Important: make sure the light source adapter is fully inserted into the fitting. Hold the adapter during test. Failure to do so can result in faulty measurements

3. The LG20 will automatically start its test procedure and show the results on the screen.

OK: Cable is of sufficient quality to use

FAIL: Cable is defect, take out of service

Test Endoscopes

(2,7 – 10mm)

1. Press the 'scope' icon (█) in the left top of the screen
2. Connect the reference cable and press 'select cable'

Important: Use a good quality reference cable. The light output score must be at least 75%.

Use the appropriate cable diameter with the scope you want to test (e.g. 3,5mm for a 2,7mm endoscope and 4,8mm for a 10mm laparoscope). Using the wrong cable gives faulty test results

3. After referencing the cable, connect the instrument side of the cable to the endoscope and insert the endoscope gently into the testing probe.



Insert the scope as far as possible. Rotate lightly while inserting and ejecting. Do not use excessive force, this will damage the interior of the testing probe. Let the scope rest on the table during test (see photo)

4. The LG20 will automatically start its test procedure and show the results on the screen.

Compare the outcome (in %) with your own acceptance level for this type of endoscope to assess the quality.