Claims:

1. Ear inspection device (10; 100) configured for being at least partially introduced into a subject's external ear canal for determining a condition of the subject's ear, such as temperature, in particular at the subject's eardrum, wherein the ear inspection device (10; 100) comprises an infrared sensor unit (52; 140) configured for detecting infrared radiation from the subject's ear,
characterized in that the ear inspection device (10; 100) further comprises an optical electronic imaging unit (40; 140) configured for capturing images based on radiation in the visible range from the subject's ear, wherein the electronic imaging unit (40; 140) exhibits at least one optical axis (X; X1, X2) which is arranged such that it can be positioned radially offset within the ear canal, and wherein the infrared sensor unit (52; 140) exhibits a visual axis (X5) which is arranged such that it can be positioned centrically within the ear canal or radially offset within the same semicircle, especially the same quadrant, of the cross section of the ear canal, wherein further comprising pressurization means (90) configured for applying a varying pressure within the subject's external ear canal.