# Stethoscope comparison

Here you'll find a comparison between our product and different competitors such as the Littmann and the Welch Allyn electronic stethoscopes. If you think a variable is missing, have any additions, remarks or clarifications on this comparison, please contact us!

| | JABES Analyzer | Littmann 3000/3100 | Littmann 4000WS | Welch Allyn Elite |
|---|---|---|---|---|
| **Dimensions** | | | | |
| Lenght cm / inch | 73 / 29 | 69 / 27 | 69 / 27 | ? |
| Extra Length available cm / inch | 95 / ..... | ✗ | ✗ | ✗ |
| Weight in grams* | 170 | 130 | 220 | 170 |
| Power | 3V | 1,5V | 3V | 3V |
| | | | | |
| **Specifications** | | | | |
| Amplification | 20 x | 18 x / 24 x | 18 x | ? |
| dB | 30 | 25 | 25 | 93 |
| Volume control levels | 7 | 8 | ? | ? |
| Standby in minutes | 3 | 3 | ? | 3 |
| Operational time in hrs | 100 | 50 / 20 | 20 | 140 / varies |
| Audio cable / length in mtrs | 3 | ✗** | ✗*** | not included |
| Auto off | ✓ | ✓ | ✓ | ✓ |
| Power on / off mode | ✓ | ✓ | ✓ | ✓ |
| | | | | |
| **Power** | | | | |
| Batteries enclosed | 2 AAA | 1 AAA | 2 AAA | 1 CR123a |
| Easy replacement batteries | ✓ | ✗ | ✓ | ? |
| | | | | |
| **Package** | | | | |
| Audio cable included | ✓ | ✗ | ✗ | ✗ |
| Spare ear tips included | ✓ | ✓ | ✓ | ✗ |
| User manual included | ✓ | ✓ | ✓ | ? |
| Software included | ✓ | ✗ | ✓ | ✗ |

| | | | | |
|---|---|---|---|---|
| **Audio range** | | | | |
| Bell mode 20 ~ 200Hz | ✓ | ✓ | ✓ | ✓ |
| Diaphragm mode 200 ~ 500 Hz | ✓ | ✓ | ✓ | ✓ |
| Wide mode 20 ~ 1000 Hz | ✓ | ✗ | ✓ | ✓ |
| | | | | |
| **Indicators** | | | | |
| Cancel ambient noise / ANR | ✓ | ✓ | ✓ | ✗ |
| Low battery indicator | ✓ | ✓ | ✓ | ✗ |
| Mode indicator | ✓ | ✗ | ✓ | ✗ |
| HR indicator real time /sw | ✓ | ✓ | ✓ | ✗ |
| | | | | |
| **Use / Maintenance** | | | | |
| Maintenance easy / warning | ✓ | ✗ | ✓ | ? |
| Diafragm maintenance screw off | ✓ | ✗ | ✗ | ? |
| Ear tips ergonomic | ✓ | ✓ | ✓ | ? |
| Silicon to prevent cracking | ✓ | ✗ | ✗ | ? |
| | | | | |
| **Guaranties** | | | | |
| Guaranties at least 1 year | ✓ | ✓ | ✓ | ✓ |
| | | | | |
| **Certifications** | | | | |
| CE | ✓ | ✓ | ✓ | ✗ |
| ISO9001 | ✓ | ✗ | ✗ | ✗ |
| FDA | ✓ | ✗ | ✗ | ✗ |
| | | | | |
| **Telemedicine** | | | | |
| CD / MSN / Skype ready | ✓ | ? | special software | ✗ |
| | | | | |
| **Prices** | | | | |
| Consumer prices excl | 237 | 249 / 282 | 699 | 323 |

| | | | | |
|---|---|---|---|---|
| VAT € | | | | |
| Software included | ✓ | ✗ | ✓ | ✗ |
| Software price € | 0 | 324 | 0 | 825 |
| Teaching accessories included | ✓ | ✗ | ✗ | ✗ |
| Teaching accessories price € | 0 | 19 | 19 | 751 |
| | | | | |
| Complete package price € | 237 | 592 / 625 | 718 | 1899 |