| Detailed parameters          |                 |
|-----------------------------|----------------|
| 1. Monitor                  | 7-inch LED touch screen |
| 2. Minimal pressure         | 40 mbar         |
| 3. Equipment volume (mm)    | 510×640×1100 (external); 380×450×400 (inner) |
| 4. Material (vacuum chamber)| Luxurious 304 stainless series |
| 5. Voltage                  | 220 V           |
| 6. Weight                   | 145 kg          |
| 7. Operating system         | Intelligent control systems, automatic control of compressors, solenoid valves, etc. |

**Supplementary Figure S2. Vacuum infiltration device and parameters.**