

A comparison of the single UHD display solution and dual-display solution

| DESCRIPTION | SINGLE UHD DISPLAY (OPERATING STATION/ SUPPORT ARM) | DUAL DISPLAY SOLUTION (OPERATING STATION/ SUPPORT ARM) | COMMENTS |
|---|--|---|--|
| Compact solution | ++ | + | The single-display WAVE 227 HMI system is a compact solution. The mobile version in conjunction with the TROLLEY LIGHT trapezoid is particularly space-saving. |
| Low energy consumption | ++ | + | Operating only one display in UHD resolution is more energy-efficient than operating two displays with full HD resolution. |
| Operating time with battery operation | ++ | + | A TROLLEY LIGHT combined with the WAVE 227 allows for roughly 30% - 50% longer battery operation than a dual-display solution (depending on the application). |
| Lightweight | ++ | + | A single-display solution with WAVE 227 weighs less than a dual-display system. This is beneficial with the low load capacity of the cleanroom walls. |
| Convenient operation | + | ++ | A dual-display system offers two fully-fledged HMI systems in 16:9 / full HD format, each with its own touchscreen. |
| Flexible solution | ++ | ++ | Both options can be configured as monitors, PCs with Windows 10 or an IGEL endpoint / thin client. |
| Mounting on a support arm system | ++ | + | The lower weight of the WAVE 227 allows for installation on exceptionally flexible U-tube support arm systems, among others. |
| Installation on mobile operating stations | ++ | ++ | Both options are suitable for combination with mobile operating stations. An exceptionally stable 5-star base is available for the dual-display version. The compact trapezoid foot is a good choice for the single-display version. |