# DIGITAL SPRING TESTERS

VIDEO

DATA OUTPUT

- Peak hold and automatic release function
- Set upper and lower limits, red and green indicator and buzzer alarm
- Automatic conversion of three units: N, kgf, lbf
- Built in printer
- Automatic power off



ISF-S10



ISF-S500



ISF-S1000

**SPECIFICATION**

| Code | ISF-S10 | ISF-S20 | ISF-S30 | ISF-S50 | ISF-S100 | ISF-S200 |
|---|---|---|---|---|---|---|
| Maximum load | 10N | 20N | 30N | 50N | 100N | 200N |
| Resolution | 0.001N | 0.002N | 0.01N | 0.01N | 0.02N | 0.05N |
| Range of digital scale | 65mm | 65mm | 65mm | 95mm | 95mm | 95mm |
| Resolution of digital scale | 0.01mm | 0.01mm | 0.01mm | 0.01mm | 0.01mm | 0.01mm |
| Disk diameter | Ø30mm | Ø30mm | Ø30mm | Ø49mm | Ø49mm | Ø49mm |
| Maximum free length of spring | 65mm | 65mm | 65mm | 95mm | 95mm | 95mm |
| Measuring range of force | 5%~100% (maximum load) | | | | | |
| Accuracy of force | ±1% (maximum load) | | | | | |
| Data output | RS232 | | | | | |
| Power supply | 220V, 50/60Hz | | | | | |
| Dimension | 300×235×600mm | 300×235×600mm | 300×235×600mm | 300×235×620mm | 300×235×620mm | 300×235×620mm |
| Weight | 13.2kg | 13.2kg | 13.2kg | 17.3kg | 19.1kg | 19.1kg |

| Code | ISF-S300 | ISF-S500 | ISF-S1000 | ISF-S2000 | ISF-S5000 |
|---|---|---|---|---|---|
| Maximum load | 300N | 500N | 1000N | 2000N | 5000N |
| Resolution | 0.1N | 0.1N | 0.2N | 0.5N | 1N |
| Range of digital scale | 95mm | 95mm | 150mm | 150mm | 150mm |
| Resolution of digital scale | 0.01mm | 0.01mm | 0.01mm | 0.01mm | 0.01mm |
| Disk diameter | Ø49mm | Ø49mm | Ø108mm | Ø108mm | Ø108mm |
| Maximum free length of spring | 95mm | 95mm | 200mm | 200mm | 200mm |
| Measuring range of force | 5%~100% (maximum load) | | | | |
| Accuracy of force | ±1% (maximum load) | | | | |
| Data output | RS232 | | | | |
| Power supply | 220V, 50/60Hz | | | | |
| Dimension | 300×235×620mm | 300×235×620mm | 490×300×920mm | 490×300×920mm | 490×300×920mm |
| Net weight | 19.1kg | 20.8kg | 47.5kg | 47.5kg | 47.5kg |

**STANDARD DELIVERY**

| | |
|---|---|
| Main unit | 1 pc |

**OPTIONAL ACCESSORY**

| | |
|---|---|
| Data output cable (keyboard format) | 7302-ISF-S |