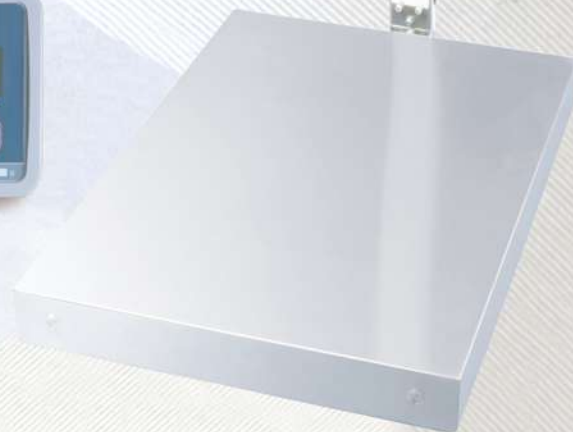


# DS-166 Series

**Electronic Platform Scales**



**For speedy and accurate  
weighing operation  
plus linked to PC via  
RS-232C I/F**



DS-166,A Series



DS-166SS,BP Series

- Internal resolution 1/150,000**
- Display resolution up to 1/15,000**
- Bright LCD display**
- One touch/digital tare subtraction**
- Zero point recall function(subject to local regulation)**
- Digital filter**
- kg/lb convert**
- Two set point(HIGH/OK/LOW)**

# A variety of models- for optimum selection

# DS-166 Series Electronic Platform Scales

**With style flexibility, a wide range of scale platforms sizes  
and capacities, and PC link capability**

DS-166, A Series (Remote display type)				DS-166, AP Series (Pole type)			
Model	Max/e	RS-232C I/F	Platter size	Model	Max/e	RS-232C I/F	Platter size
DS-166.A-K30	30kg/10g	NO	380(W) X 380(D)mm	DS-166.AP-K30	30kg/10g	NO	380(W)X380(D)mm
DS-166.A-K60	60kg/20g	NO		DS-166.AP-K60	60kg/20g	NO	
DS-166.A-K150	150kg/50g	NO		DS-166.AP-K150	150kg/50g	NO	
DS-166.A-RS-K30	30kg/10g	YES		DS-166.AP-RS-K30	30kg/10g	YES	
DS-166.A-RS-K60	60kg/20g	YES		DS-166.AP-RS-K60	60kg/20g	YES	
DS-166.A-RS-K150	150kg/50g	YES		DS-166.AP-RS-K150	150kg/50g	YES	

Scale platform (S-YA Series) dimensions: 380(W) X 380(D) X 90(H)mm

DS-166, B Series (Remote display type)				DS-166, BP Series (Pole type)			
Model	Max/e	RS-232C I/F	Platter size	Model	Max/e	RS-232C I/F	Platter size
DS-166.B-K60	60kg/20g	NO	480(W) X 480(D)mm	DS-166.BP-K60	60kg/20g	NO	480(W)X480(D)mm
DS-166.B-K150	150kg/50g	NO		DS-166.BP-K150	150kg/50g	NO	
DS-166.B-K300	300kg/100g	NO		DS-166.BP-K300	300kg/100g	NO	
DS-166.B-RS-K60	60kg/20g	YES		DS-166.BP-RS-K60	60kg/20g	YES	
DS-166.B-RS-K150	150kg/50g	YES		DS-166.BP-RS-K150	150kg/50g	YES	
DS-166.B-RS-K300	300kg/100g	YES		DS-166.BP-RS-K300	300kg/100g	YES	

Scale platform (S-YB Series) dimensions: 480(W) X 480(D) X 96(H)mm

DS-166, C Series (Remote display type)			
Model	Max/e	RS-232C I/F	Platter size
DS-166.C-G600	600g/0.2g	NO	201(W) X 143(D)mm
DS-166.C-K1.5	1.5kg/0.5g	NO	244(W) X 177(D)mm
DS-166.C-K3	3kg/1g	NO	341(W) X 284(D)mm
DS-166.C-K6	6kg/2g	NO	
DS-166.C-K15	15kg/5g	NO	
DS-166.C-K30	30kg/10g	NO	341(W) X 284(D)mm
DS-166.C-RS-G600	600g/0.2g	YES	
DS-166.C-RS-K1.5	1.5kg/0.5g	YES	
DS-166.C-RS-K3	3kg/1g	YES	341(W) X 284(D)mm
DS-166.C-RS-K6	6kg/2g	YES	
DS-166.C-RS-K15	15kg/5g	YES	
DS-166.C-RS-K30	30kg/10g	YES	

Scale platform (S-YC Series) dimensions:  
341(W) X 284(D) X 90(H)mm for scale capacity 600g, 1.5kg  
341(W) X 284(D) X 80(H)mm for scale capacity 3kg, 6kg, 15kg, 30kg

## Specifications

### Analog section

Input sensitivity-----0.4mV/V-4mV/V  
Load cell excitation-----5VDC,60mA(max)  
Speed of A/D conversion-----20 times/sec-30 times/sec.  
Number of load cells-----Max. 4 load cells(350Ω)

### Digital section

Display-----6 digits  
Display division-----1,2,5  
Decimal point location-----6 positions 0,00000 thru 000000  
Indicator marks-----"ZERO", "NET", "STABLE", "LOW BATTERY", "CHARGING", "kg", "lb", "HIGH", "OK" and "LOW"

### General

Power source-----AC 240/230/220V, 117/110V(+10%,-15%)(factory preset), Rechargeable battery(6V 1.2Ah)  
Power consumption-----18W(AC), 0.7W(battery)  
Operating temperature----- -10°C to 40°C  
Operating humidity-----15-18% RH  
Net weight-----DI-166 :1.8kg/2kg(with battery)  
DI-166SS :2.9kg/3.1kg(with battery)

\* Specifications are subject to change without notice.

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