



**Лабораторне обладнання**  
**Реалізація**  
**Ремонт**  
**Модернізація**  
**Виготовлення обладнання за ТЗ замовника**

**ТОВ ВТП "АСМА-ПРИЛАД"**



### **WDS-10,20,50**

This WDS series 2-column digital display type UTM are suitable for tensile, compression and bending tests of metal and non-metal materials, like small components, reinforced plastics, metals, wires, wood products, textiles, adhesives, foam, consumer products, etc. It also can execute the other tests, like shearing, peeling, friction, puncture test by adding relative optional accessories. It conforms to GB, ISO, JIS, DIN, ASTM, etc standards. It is an ideal testing machine for quality control department, scientific research, universities and colleges, industrial and mining enterprises.

#### **Standard accessories**

- High accuracy load cell: American Celtron
- AC Servo motor and driver: Japanese Panasonic
- Control card and display unit
- Tensile grip, Compression plates and bending fixture

#### **Main technical parameters**

Model	WDS-10	WDS-20	WDS-50
Specification			
Force Range (kN)	0.2- 10	0.4- 20	1- 20
Force Accuracy	±1% of applied force		
Position Resolution (mm)	0.01		
Test Zones	Dual (upper for tensile, lower for compression/bending)		
Test Speed Range	0.01mm/min- 500mm/min, servo control		
Crosshead Travel (mm)	650		
Space Between Columns (mm)	400		
Power Requirement	Single phase, 220V±10%, 50Hz		
Environmental Requirements	Room temperature- 40°C, relative humidity<80%		
Frame Dimension (mm)	720×500×1680	720×500×1820	740×500×1840
Frame Weight (kg)	300	300	380

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