

Universal Joint Drive Balancing Machine

This universal joint drive balancing machine is designed for high-precision balancing of rotating components. It features a robust frame, advanced vibration sensors, and a user-friendly control panel.



Overview

Universal Joint Drive Balancing Machine

The YYW series universal joint drive balancing machine is engineered for the high-precision balancing of various rotating components. Featuring a robust construction, it is designed to measure and correct imbalances in workpieces ranging from 5kg to 3000kg. This system is essential for maintaining the smooth, efficient operation of machinery in demanding automotive, aerospace, and industrial environments.

Technical Specifications

Technical Data

Model	Max Load (kg)	Max Rotor Dia (mm)	Power (kW)
YYW-160A	160	180	0.85/1.5
YYW-300(A)	300	180	5.5
YYW-500(A)	500	240	7.5
YYW-1000(A)	1000	240	7.5
YYW-1600A	1600	240	11

Operational Capabilities

90 %

Unbalance Reduction Ratio

1 g.mm/kg

Max Residual Unbalance

2500 r/min

Max Balancing Speed

Key Features

Core System Components

- Robust heavy-duty frame
- High-precision vibration sensors
- Integrated user-friendly control panel
- Universal joint drive assembly

Primary Applications

Automotive, Aerospace, Industrial Machinery