

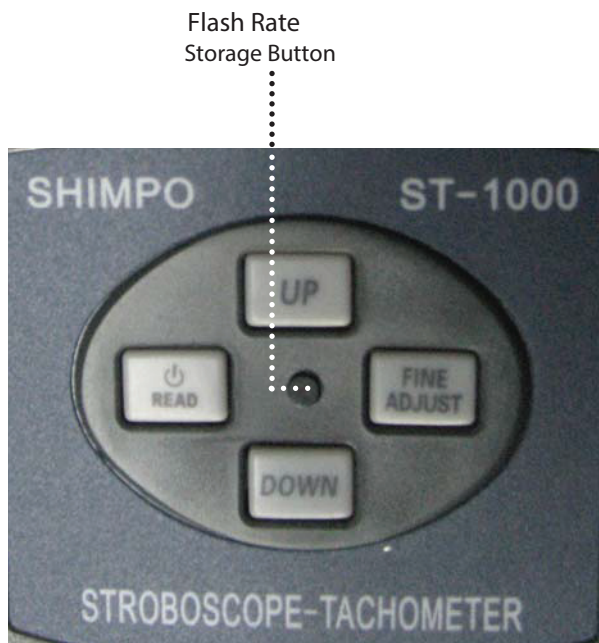
### Series ST-1000 LED Stroboscope Tachometer

The Shimpo Series ST-1000 is a Stroboscope-Tachometer with LED flash technology. This velocity analyzing and measuring device is ideal for rotational machine inspection. The stroboscope is capable of flashing the light in a synchronous frequency to the operating machinery, creating the illusion of viewing stopped or slowed images. Utilizing this phenomenon of slowing or stopping the motion with the adjusted rate of the ST-1000's flashing light, machine parts and processes may be inspected for defects. Plus, the rotational speed of the machinery and systems may be recorded for further performance analysis.

The ST-1000 is adjustable in either coarse or fine step flash-rate tuning. The backlit display shows the current flash rate, 10 user-stored pre-set flash rates, as well as a low battery warning. The backlit feature can be switched off to save battery life if desired. The ergonomic, hand held device is made of sturdy ABS plastic and comes with batteries and protective carrying case. The LED technology extends operation due to the low energy requirement of the light diodes compared with xenon stroboscopes. Typical applications for using the ST-1000 is to inspect rotors, meshing gears, vibration diagnostic equipment, textile equipment, printing production lines, power tools, speaker acoustical analysis, fan balancing and many more.



#### Easy Operation Control



Power Switch

UP

Flash Rate Value increase button

DOWN

Flash Rate Value decrease button

FINE  
ADJUST

Coarse/Fine tuning button



Flash Rate Storage Button - 10 user defined flash rates for later retrieval