

## SURFACE ROUGHNESS REFERENCE SPECIMENS

MEASURING ACCURACY OF ROUGHNESS TESTERS CAN BE IMPROVED,  
IF THE CALIBRATION IS MADE ON A REFERENCE SPECIMEN WITH THE  
ROUGHNESS VALUE CLOSE TO THE WORKPIECE TO BE MEASURED

- To calibrate roughness testers
- Made of glass



ISR-LS603E

| Part No.    | Shape*      | Roughness (Ra) | Deviation** | Uniformity |
|-------------|-------------|----------------|-------------|------------|
| ISR-LS601E  | square wave | 3.9μin         | -20%~+10%   | 3%         |
| ISR-LS602E  | square wave | 7.9μin         | ±10%        | 3%         |
| ISR-LS603E  | square wave | 15.7μin        | ±10%        | 3%         |
| ISR-LS604E  | square wave | 31.5μin        | ±10%        | 3%         |
| ISR-LS605E  | square wave | 63.0μin        | ±10%        | 3%         |
| ISR-LS606E  | square wave | 126.0μin       | ±10%        | 2%         |
| ISR-LS607E  | square wave | 252.0μin       | ±10%        | 2%         |
| ISR-LS601SE | sine wave   | 3.9μin         | -20%~+10%   | 3%         |
| ISR-LS602SE | sine wave   | 7.9μin         | ±10%        | 3%         |
| ISR-LS603SE | sine wave   | 15.7μin        | ±10%        | 3%         |
| ISR-LS604SE | sine wave   | 31.5μin        | ±10%        | 3%         |
| ISR-LS605SE | sine wave   | 63.0μin        | ±10%        | 3%         |
| ISR-LS606SE | sine wave   | 126.0μin       | ±10%        | 2%         |
| ISR-LS607SE | sine wave   | 252.0μin       | ±10%        | 2%         |

\* Surface roughness reference specimens with sine wave can be labeled with Rz parameter (customized)

\*\* Deviation between the actual value when supply and the nominal value