The Random-dot Stereogram (RDS) is a state-of-arts method of the stereopsis tests.

To broadcast RDS global stereopsis test and to research stereo-blindness will be the active area of ophthalmology in the modern time. This new test chart is recommended to apply to:

1. Examining and diagnose various strabismus, amblyopia, anisometropia, high and moderate hyperopia, high and moderate astigmatism
2. Evaluating the postoperative effects of cataract extraction, intraocular lens implantation and excimer laser corneal surgery
3. Medical optometry
4. Choosing pilots, drivers and other personnel for special work
5. Basic research on binocular stereopsis perception