

# TECHNOLOGIES TRANSFERRED FROM ISRO

TT / 2000 / VSSC

## SPECIAL PURPOSE SLIP RINGS

ISRO has successfully developed different type of slip rings like:

- Miniature instrumental slip rings used in rotary instruments, rotary test equipments, spin tables, aircraft cockpits, vehicle turrets, tanks etc.
- Pedestal slip rings used in tracking radar and launchers for rockets and missiles and
- VHF Slip rings used for video / digital data and star tracking.

The technology allows for custom made slip rings with multiple channels and wide range of power, frequency, power speed and temperature with minimal signal loss. It is estimated that there is a huge requirement of slip rings by organizations in priority sector and also by private organisations engaged in high technology areas who are presently using imported slip rings. The slip rings developed by ISRO does not contain any imported component and is cost effective too.

The technical know how for manufacture of Encapsulated Modular Miniature Slip Rings (to fix on shaft dia 25 to 100mm) was transferred to **M/s Legend Technologies, Bangalore** .

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