



V-**STARS** I-CAN

INCA Camera CANister

GSI is proud to announce that V-**STARS**, the world's leading industrial videogrammetry system, is now available in a canister!

With **I-CAN**, **GSI's** state-of-the-art INCA cameras can now operate in thermal vacuum environments while maintaining the high accuracy of the INCA digital camera and V-**STARS** system.

The features of this powerful combination include:

- *Fast, accurate, reliable 3-D coordinate measurement
- *Immediate results
- *Dynamic, real-time measurement (using two or more cameras)
- *Rigid, optically flat quartz window maintains accuracy
- *Controller can handle up to three cameras/canisters
- *Notebook computer operation
- *Completely self-contained with:
 - Single thin cable for power and data
 - Dry nitrogen purge for cooling
 - Built-in heating and flash systems
 - Internal camera roll



Now to make fast, precise 3-D coordinate measurements in the harsh conditions of space, just say "**I-CAN!**" The V-**STARS** system with **I-CAN** is available for sale or short-term rental.

For more information on this exciting new development in measurement technology please contact **GSI**.

I-CAN Technical Specifications

Canister Dimensions

Diameter 370mm. (14.5 inches)
Length 460mm. (18 inches)

Canister Weight

Without Camera - 15kg. (33 pounds)
With Camera - 20kg. (44 pounds)

External Temperature Range

-200 to +100 degrees C.

Internal Temperature Range

Operating: 15 to 30 degrees C.
Storage: 0 to 40 degrees C.

External Pressure Range

765 to 1×10^{-7} torr.

Power consumption

Camera - less than 20 watts typical.
Heaters - 50 watts maximum.

Cooling

Dry nitrogen gas.
Two ISO 16mm (3/4") Quick Flange ports are provided.

Internal Pressure

765 torr.

External Power Source:

85 - 264 VAC 50/60 Hz.
Fuse: 3.15 ampere @ 220 - 250VAC.
Fuse: 6 ampere @ 100 - 120VAC.

Cables

Maximum combined length - 35 meters. (115 feet)
Cable diameter - 11mm.

Canister Mounting Method

Attach to two 28mm long x 50mm high x 25mm wide perforated mounting bars spaced 130mm apart.
Other mountings possible - consult GSI

