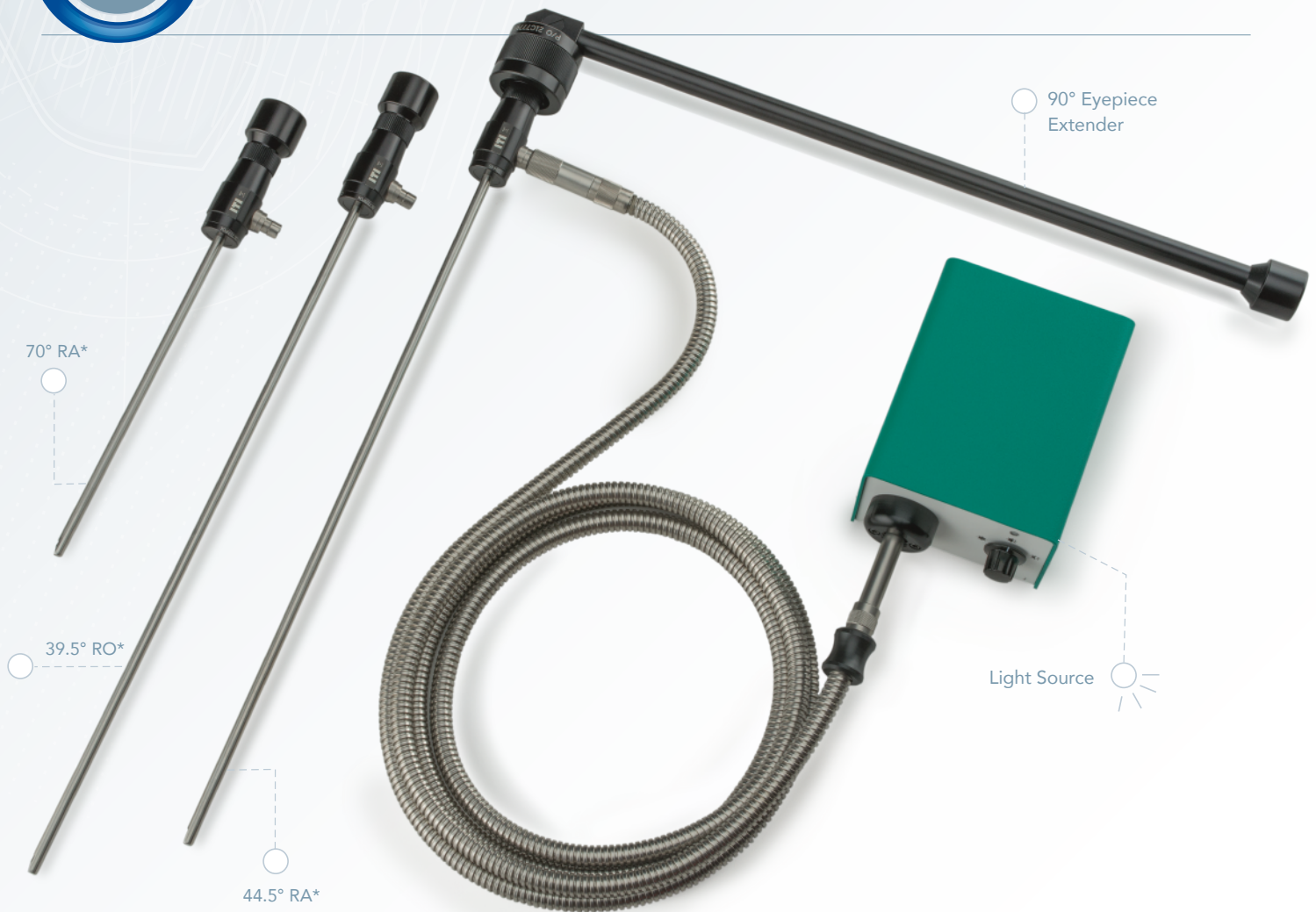




ITI SCOPE SERIES

T700 Borescope Inspection Kit



Instrument Technology has supplied T700 Borescope Inspection Kits to the military since 1990. Designed and manufactured to GE's specifications, 100% GE-approved and 100% customer acceptance. ITI is ISO 9001-certified and Veteran-owned.

The ITI T700 Borescope Inspection Kit delivers the most reliable inspection solution for preventive and corrective maintenance on the GE T700 engines. The Kit contains three borescopes, a light source, accessories and instructions—everything an inspector needs to perform a complete T700 engine inspection. As long as there are GE T700 helicopter engines, ITI will continue manufacture and support our T700 kits.

* RA: Right Angle, RO: Retro Oblique

- Built to GE specs
- GE-approved
- 100% acceptance rate
- Sturdy, reliable optics
- Warrantied
- Made in America



ITI T700 Borescope Inspection Kit



T700 KIT CONFIGURATIONS

GE PART # 21C7779P01

Base kit (borescope A, borescope B, light source, aircraft power adapter cable D, light guide, eyecup)

GE PART # 21C7779P02

Adds borescope C and long 90° eyepiece extender to base kit #1

GE PART # 21C7779P03

Adds aircraft power adapter cable E to kit #2

GE PART # 21C7779P04

Substitutes CE light source and spare lamp for standard kit light source in kit #3

COMPLIANCE

Meets GE specification drawing 21C7779 for T700-700/701

Instrument Technology, Inc. has been an approved manufacturer since 1985

BORESCOPIES

	Borescope A	Borescope B	Borescope C
Description	Ø5.3 mm/35 cm/ 45°/RA	Ø5.3 mm/35 cm/ 40°/RO	Ø5.3 mm/17 cm/ 70°/RA
Diameter of Scope (+0/-0.02")	.210" (5.33 mm)	.210" (5.33 mm)	.210" (5.33 mm)
Working Length (±.25")	13.64" (34.6 cm)	13.67" (34.7 cm)	6.76" (17.2 cm)
Line of Sight (±5°)	90°	120°	90°
Field of View (Min)	44.5°	39.5°	70° ±10°
Focus Range (Min/Max)	.12" (3 mm) to Infinity	.12" (3 mm) to Infinity	.27" (7 mm) to Infinity
Magnification @ Distance (±10%)	100% @ 2.00"	100% @ 2.00"	100% @ 1.20"
Tip Length (Max)	.224" (5.69 mm)	.252" (6.40 mm)	.224" (5.69 mm)
Overall Length (Max)	16.47" (41.8 cm)	16.50" (41.9 cm)	9.69" (24.6 cm)

AIRCRAFT POWER ADAPTER CABLES

	Cable D	Cable E	Length
Supply Connector [plug]	MS3456L20-4P (Amphenol)	MS3106F18-9P (Amphenol)	8" (203 mm) between connectors
Equipment Connector [receptacle]	Style D-41 per W-C-596 (NEMA 5-15)	Style D-41 per W-C-596 (NEMA5-15)	8" (203 mm) between connectors

KIT CONTENTS

Light Sources	Light Guide	Eyecup/Guard	Case
Standard – 35W LED light source, 100-240VAC 50/60/400Hz, 20ft (6.1m) power cord	Ø5mm fiber-optic core, ACMI input and output connectors Stainless steel	Rubber	Pelican 1600 rugged polypropylene, lockable waterproof w/purge valve safety yellow color
CE Light Source – 150W halogen light source, 110/220VAC 50/60/400Hz, 20ft (6.1m) power cord	8ft (2.44m) long		24.39" x 19.36" x 8.79" (62 x 49.2 x 22.3 cm) Polyurethane foam insert