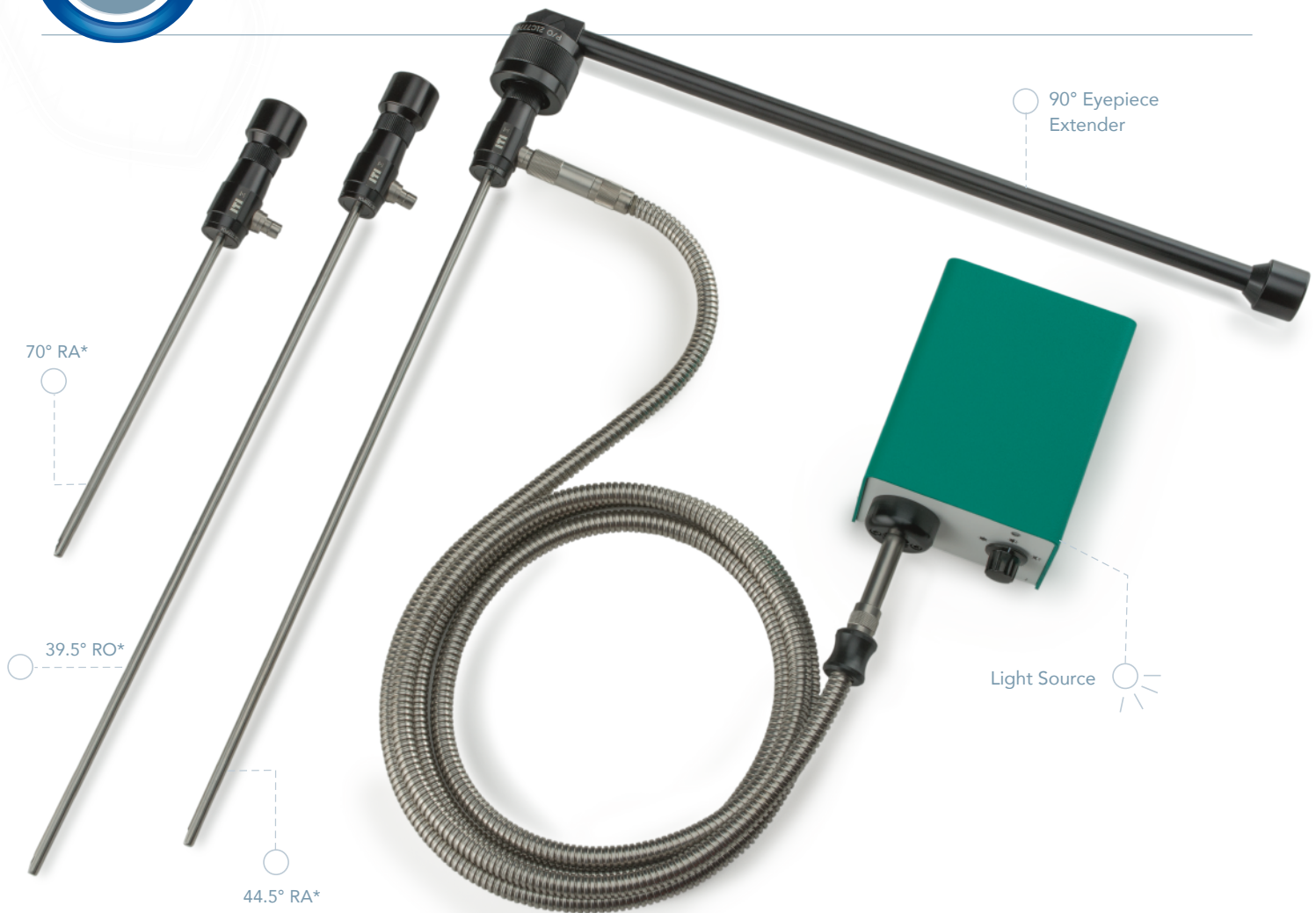




INSTRUMENT TECHNOLOGY, INC. (ITI) SCOPE SERIES

T700 Borescope Inspection Kit



Instrument Technology, Inc. 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 13485 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