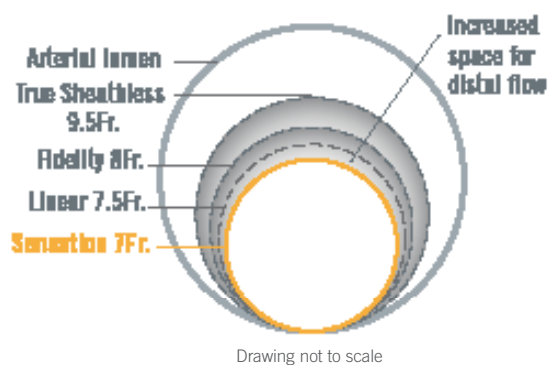


Sensation™ 7Fr.

Fiber-Optic IAB Catheter

Summary of Features and Benefits

- The fiber-optic sensor instantaneously transmits a precise pressure signal to the CS300
- Provides a clean, crisp arterial pressure waveform
- 15% increase in the amount of distal flow vs. 8 French†
- 23% reduction in catheter cross-sectional area†
- Potential for smaller arteriotomy
- Potential for reduced limb ischemia
- Abrasion resistance improved 43%†



Introducing Sensation 7Fr. , the smallest IAB catheter available today combined with innovative, fiber-optic technology that automatically calibrates *in vivo*. Smaller is better for the patient, potentially reducing vascular complications.

Why Sensation?

Smaller is better for patient and clinician.

Datascope Corp.

15 Law Drive
Fairfield, NJ 07004
USA
Tel +1 800 777 4222
Fax +1 800 258 8762
Tel +1 973 244 6100
Fax +1 973 244 6279

Datascope B.V.

Drs. W. van Royenstraat 8
3871 AN Hoevelaken
The Netherlands
Tel +31 (0)33 25 44 911
Fax +31 (0)33 25 34 280

Datascope GmbH

Fabrikstrasse 35
64625 Bensheim
Germany
Tel +49 (0)62 51-17 05-0
Fax +49 (0)62 51-6 78 77

Datascope Italia S.r.l.

Centro Direzionale Ambrosiano
Via dei Missaglia, 97
20142 Milano
Italy
Tel +39 (0)2 89309350
Fax +39 (0)2 8266908

Datascope Medical Co. Ltd.

Lakeview Court
Ermine Business Park
Huntingdon
Cambridgeshire
PE29 6XR
United Kingdom
Tel +44 (0)1480 423600
Fax +44 (0)1480 423638

Datascope SARL

Z.I. Athélia 1
13705 La Ciotat Cedex
France
Tel +33 (0)4 42 08 46 46
Tel 0825 829 005 (France only)
Fax +33 (0)4 42 08 13 49

Datascope s.p.r.l./ b.v.b.a.

Woluwe Garden C
Woluwedal 26 – Box 11
1932 St. Stevens – Woluwe
Belgium
Tel +32 (0)2 247 38 00
Fax +32 (0)2 216 33 33

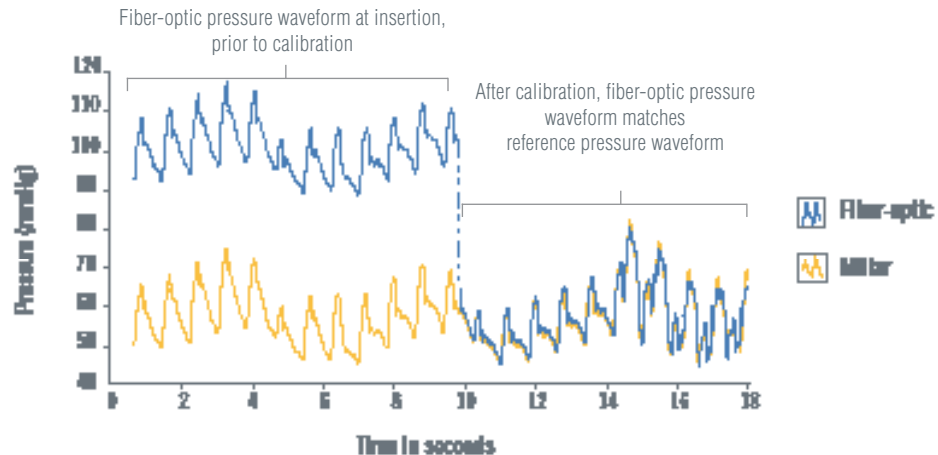
Datascope Asia-Pacific

Unit A, 30th Floor
Morrison Plaza
9 Morrison Hill Road
Wanchai
Hong Kong
Tel +852 2647 9713
Fax +852 2647 6473

www.datascope.com

Unique automatic *in vivo* calibration*

Datascope has the ONLY fiber-optic IABP and catheter system that automatically calibrates in the patient after insertion and automatically recalibrates *in vivo* every 2 hours or sooner should patient or environmental conditions change. The result: faster time to therapy, ongoing consistency and accuracy of the arterial blood pressure waveform, and improved ease of use.



The *in vivo* calibration gives you the confidence that the fiber-optic pressure waveform is consistently accurate†

Balloon			Catheter		
Part Number	Nominal Volume (cc)	Nominal Length (mm)	Balloon Dia. at 2 psi (mm)	Insertable Length (mm)	Guide Wire Size (in.)
0684-00-0470-01	40	258	15.0	714	0.018
0684-00-0469-01	34	221	15.0	714	0.018

Configuration

Materials

All balloon and catheter materials meet FDA and ISO biocompatibility guidelines for devices and materials. Sensation 7Fr. IAB catheters and insertion kits do not contain latex.

Packaging

One pouch sterile, corner peel

Cycle Life

1 procedure

Shelf Life

2 years from date of sterilization

All parameters specified at 25°C ambient temperature. Datascope maintains a policy of continual product improvement and reserves the right to change materials and specifications without notice.

Ordering Information

40cc Sensation 7Fr. IAB Catheter with Datascope Catheter Connector	0684-00-0470-01
34cc Sensation 7Fr. IAB Catheter with Datascope Catheter Connector	0684-00-0469-01
34cc and 40cc Datascope Insertion Kit	0884-00-0019-16
Datascope Insertion Kit includes: 6" (15cm) Reinforced Sheath Introducer with Dilator, One 18 gauge Angiographic Needle, One Stepped Dilator, One 0.018" X 145cm 3mm J PTFE Stainless Steel Guidewire, One 0.035" X 55cm Stainless Steel Guidewire, One Three-Way Stopcock, One Male Luer Lock Cap, One 6ft Datascope Catheter Extender	
0.018" X 145cm 3mm J PTFE Stainless Steel Guidewire (Box of 5)	0684-00-0254-16
0.035" X 55cm Introducer Sheath Guidewire (Box of 5)	0684-00-0254-17
7Fr. Sheath and Dilator Set	0684-00-0403-06
Datascope Catheter Extender for 40cc and 34cc IABs only (Box of 10)	0684-00-0186

*Patent Pending

†Data on File



Caution: U.S. Federal Law restricts this device to sale by or on the order of a physician. Refer to package insert for current indications, warnings, contraindications, precautions and instructions for use. 04/08

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