

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

**Visit our website - *Click HERE***




## Description

F.W. Bell's fourth generation gaussmeter probes are design to meet the electrical and mechanical requirements of virtually any application. Models are available for transverse, axial, and 2 or 3-axis field measurements. High sensitivity Magnaprobes which offer 100 times the sensitivity of our standard probes and Cryogenic probes are also available.

## Probe Selection

Before selecting a probe it is important to know the direction of the magnetic lines of flux (choose between axial or transverse), the measurement environment, and any limiting physical constraint.

There are six different parameters (see chart ) which must be decided upon when selecting a Hall Effect Gaussmeter Probe. 1) ***Probe Style:*** is generally dependant upon the measurement environment. The Standard (fiberglass stem) is recommended for laboratory or light handling environments, while the Heavy Duty (aluminum stem) is recommended for unknown or heavy handling environments. 2) ***Probe Type:*** is either axial or transverse. Axial probes read lines of magnetic flux through the length of the probe, while transverse probe read lines of flux moving perpendicularly (at right angles) through the tip. 3) ***Electrical Performance:*** there are three different parameters to consider, the accuracy, upper field limit and sensitivity to full scale range. 4) ***Gaussmeter Model:*** 99 - all probes for 9900's & 9500, 92 -all probes for 9200, 4 - all probes for 9640. 5) ***OD or Thickness:*** is very important if there is a constraint on the size of gap that the probe will be inserted into. 6) ***Probe Length:*** allows the flexibility to shorten or lengthen the stem of the probe.

For customer convenience, F.W. BELL offers its most frequently purchased probes, stock probes, within (approx.) one to two business weeks. All other probes in the catalog are available within (approx.) three to four business weeks. Gaussmeter availability is also in (approx) three to four weeks.

### *STOCK PROBES*

**Standard Stem Probes (Fiberglass Stem)**

| Transverse | | Axial |
|---|---|---|
| STF99-0204 | STB92-0404 | SAF99-1802 |
| STF99-0402 | STG92-0404 | SAF99-1808 |
| STF99-0404 | STB 4-0204 | SAB92-1802 |
| STA99-0404 | STB 4-0402 | SAB92-1808 |
| STM99-0404 | STB 4-0404 | SAB 4-1802 |
| STB92-0204 | STG 4-0404 | SAB 4-1808 |
| STB92-0402 | | |

**Heavy-duty Stem Probes (Aluminum Stem)**

| Transverse | | Axial |
|---|---|---|
| HTF99-0608 | HTG92-0608 | HAF99-2508 |
| HTM99-0608 | HTB 4-0608 | HAB92-2508 |
| HTB92-0608 | HTJ 4-0608 | HAB 4-2508 |

**Flexible Stem Probes**

Transverse

FTF99-0415
FTM99-0415
FTB92-0415
FTB 4-0415
FTJ 4-0415

| Magnaprobe (.01x) | 3 Axis Probes |
|---|---|
| MOX99-2506 | ZOA99-3202 |
| MOW 4-2506 | ZOA99-3208 |

*Note: Other probes in catalog are Standard probes.*

***Note: If requirements dictate a probe configuration that is not shown, please call for special quotation. This chart is to be used as a reference for listed probes, not to design a probe.***

S A R 4 — 18 02

**PROBE TYPE**
A - AXIAL
T - TRANSVERSE
O - NOT APPLICABLE

**PROBE STYLE**
C - CRYOGENIC
F - FLEXIBLE
H - HEAVY DUTY
S - STANDARD
M - MAGNA
Y - 2 AXIS
Z - 3 AXIS
X - EXTENSION CABLE

**GAUSSMETER MODEL**
99 = 9900 & 9500
92=9200 4=9640

**ELECTRICAL PERFORMANCE**

| | | | |
|---|---|---|---|
| A - | 0.25% | 10 kG | 1X |
| B - | 1.0% | 10 kG | 1X |
| C - | 0.5% | 10 kG | 1X |
| E - | 2.0% | 10 kG | 1X |
| F - | 0.25% | 30 kG | 1X |
| G - | 2.0% | 30 kG | 1X |
| I - | 3.0% | 10 kG | 1X |
| J - | 0.1% | 10 kG | 10X |
| K - | 0.25% | 10 kG | 10X |
| L - | 0.25% | 30 kG | 10X |
| M - | 0.15% | 30 kG | 10X |
| N - | 0.5% | 30 kG | 10X |
| P - | 1.0% | 30 kG | 10X |
| R - | 1.0% | 100 kG | 10X |
| U - | 2.0% | 100 kG | 10X |
| W - | 4.0% | 2 G | .01X |
| X - | 0.5% | 2 G | .01X |
| O - | CALIBRATED | | |

**OD OR THICKNESS**

OD
06-.060 IN
08-.080 IN
09-.090 IN
12-.120 IN
18-.180 IN
19-.187 IN
25-.250 IN
32-.312 IN

THICKNESS
00-.010 IN
01-.015 IN
02-.020 IN
03-.030 IN
04-.040 IN
06-.060 IN
25-.250 IN

**PROBE LENGTH**
02 - 2 IN
04 - 4 IN
06 - 6 IN
08 - 8 IN
15 - 15 IN
18 - 18 IN
36 - 36 IN
48 - 48 IN
60 - 60 IN

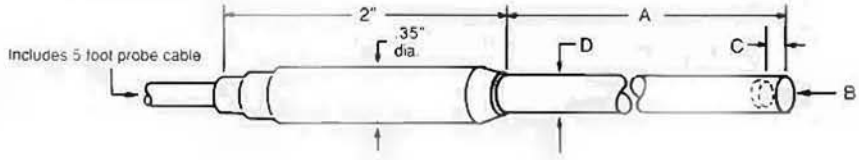
**EXTENSION CABLE LENGTH**
0010 - 10 FT
0025 - 25 FT
0050 - 50 FT
0100 - 100 FT

*Note: Frequency range of the probe: the accuracy over the specified range is ±1% typical for the Series 9900 & 9500; ±2% typical for 9200. (The Model 9640 frequency range is dc to 400 Hz.) Metal Stem Probes may be damaged at frequencies above 500 kHZG (FREQUENCY • GAUSS PRODUCT)*

***Note: Specifications subject to change without notice.***

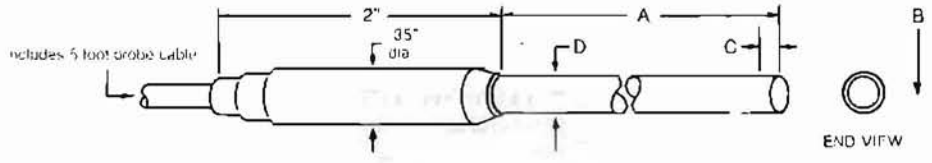
# PROBE SELECTION CHARTS

## CRYOGENIC PROBES, AXIAL



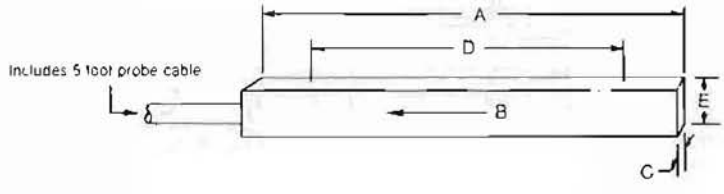

| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max) Zero | Temp Stability (max) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAP99-2560 | 129935 | 60" ±.500 | .250" ±.005 | .025" ±.005 | Stainless Steel (310S) | 1% to 30 kG | dc - 400 Hz | 10X | .030" dia. nom. | -269° C to +75° C | ±.13 Gauss/°C | ±.01% /°C |
| CAU99-2560 | 129936 | | | | | 2% to 100 kG | | | | | | |
| CAP92-2560 | 129251 | | | | | 1% to 30 kG | | | | | | |
| CAU92-2560 | 129252 | | | | | 2% to 100 kG | | | | | | |
| CAP4-2560 | 126288 | | | | | 1% to 30 kG | | | | | | |
| CAU4-2560 | 126290 | | | | | 2% to 100 kG | | | | | | |

## CRYOGENIC PROBES, TRANSVERSE




| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max) Zero | Temp Stability (max) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CTP99-3260 | 129949 | 60" ±.500 | .312" ±.005 | .320" ±.063 | Stainless Steel (310S) | 1% to 30 kG | dc - 400 Hz | 10X | .040" dia. nom | -269° C to +75° C | ±.13 Gauss/°C | ±.01% /°C |
| CTU99-3260 | 129950 | | | | | 2% to 100 kG | | | | | | |
| CTP92-3260 | 129273 | | | | | 1% to 30 kG | | | | | | |
| CTU92-3260 | 129274 | | | | | 2% to 100 kG | | | | | | |
| CTP4-3260 | 126209 | | | | | 1% to 30 kG | | | | | | |
| CTU4-3260 | 126211 | | | | | 2% to 100 kG | | | | | | |

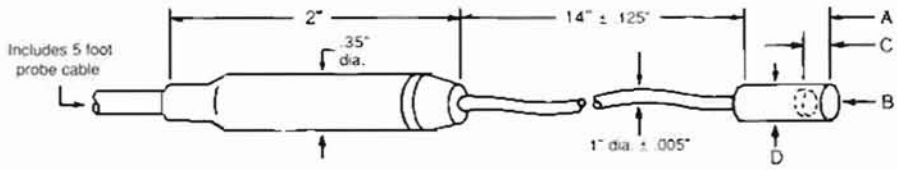
## MAGNAPROBE




| Model | Item Number | A | E | C | D | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max) Zero | Temp Stability (max) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MOX99-2506 | 129966 | 9" ±.030 | .480" ±.030 | .250" ±.010 | 6" | .5% to 2 G | dc - 5 kHz | 01X | 6" x .25" nom. | 0°C to +75°C | ±.001 Gauss/°C | ±.05% /°C |
| MOW4-2506 | 126321 | | | | | 4% to 2 G | | | | | | |

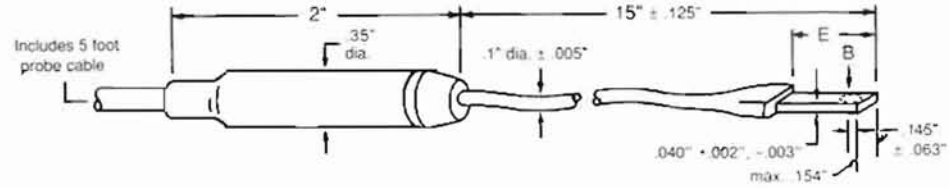
***Note: Specifications subject to change without notice.***

# FLEXIBLE PROBES, AXIAL




| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FAA99-0915 | 129962 | .109" ±.020 | .100" max | .015" ±.010 | Flexible (Ceramic Tip) | .25% to 10 kG | dc - 10 kHz | 1X blue | .020" dia. nom. | 0°C to + 75° C | ± .20 Gauss/ °C | - .08% / °C |
| FAF99-1815 | 129963 | 1.000" ±.010 | .180" +.002 -.004 | .180" +.002 -.004 | Flexible (Aluminum Tip) | .25% to30 kG | | | .030" dia. nom. | | + .09 Gauss/ °C | - .04% / °C |
| FAR99-1815 | 129965 | | | | | 1% to 100 kG | dc - 400 Hz | 10X red | | | + .13 Gauss/ °C | - .005% / °C |
| FAB92-0915 | 129292 | .109" ±.020 | .100" max | .015" ±.010 | Flexible (Ceramic Tip) | 1% to 10 kG | dc - 10 kHz | 1X blue | .020" dia. nom. | | + .20 Gauss/ °C | - .08% / °C |
| FAB92-1815 | 129293 | 1.000" ±.010 | .180" +.002 -.004 | | Flexible (Aluminum Tip) | | | | .030" dia. nom. | | + .09 Gauss/ °C | - .04% / °C |
| FAR92-1815 | 129297 | | | | | | dc-400 Hz | 10X red | | | + .13 Gauss/ °C | - .005% / °C |
| FAB4-1815 | 126301 | 1.000" ±.010 | .180" +.002 -.004 | | | | dc - 400 Hz | 1X blue | | | + .09 Gauss/ °C | - .04% / °C |
| FAG4-1815 | 129302 | | | | | 2% to 30 kG | | | | | | |

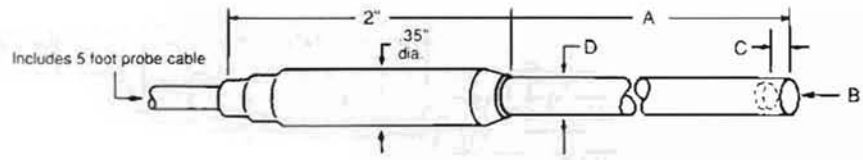
# FLEXIBLE PROBES, TRANSVERSE




| Model | Item Number | E | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|
| FTF99-0415 | 129956 | .550" ±.063 | Flexible Stem Encapsulated Device | .25% to 30 kG | dc - 10 kHz | 1X blue | .070" dia. nom. | 0°C to + 75° C | +.09 Gauss/°C | -.04% /°C |
| FTM99-0415 | 129957 | | | .15% to 30 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ±.13 Gauss/°C | +.005% /°C |
| FTR99-0415 | 129958 | | | 1% to 100 kG | | | | | | |
| FTB92-0415 | 129282 | | | 1% to 10 kG | dc - 5 kHz | 1X blue | .070" dia. nom. | | ±.09 Gauss/ °C | - .04% / °C |
| FTG92-0415 | 129283 | | | 2% to 30 kG | | | | | | |
| FTJ92-0415 | 129284 | | | .1% to 10 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ±.13 Gauss/ °C | ±.005 / °C |
| FTB4-0415 | 126216 | | | 1% to 10 kG | dc - 5 kHz | 1X blue | .070" dia. nom. | | ±.09 Gauss/ °C | - .04% / °C |
| FTG4-0415 | 126217 | | | 2% to 30 kG | | | | | | |
| FTJ4-0415 | 126218 | | | .1% to 10 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ±.13 Gauss/ °C | ±.005 / °C |
| FTL4-0415 | 126219 | | | .25% to 30 kG | | | | | | |

***Note: Specifications subject to change without notice.***

# AXIAL PROBES




| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAA99-0602 | 129900 | 2"± .063 | .060" +.001 -.003 | .015" +.010 | Aluminum | .25% to 10 kG | dc - 10 kHz | 1X blue | .020" dia. nom. | 0°C to +75° C | +.20 Gauss/ °C | -.08% / °C |
| SAA99-0608 | 129901 | 8"± .125 | | | | | | | | | | |
| SAA99-0802 | 129903 | 2"± .063 | .080" ±.003 | | | | | | | | | |
| SAA99-0808 | 129904 | 8"± .125 | | | | | | | | | | |
| SAA99-1202 | 129907 | 2"± .063 | | | | | | | | | | |
| SAA99-1208 | 129908 | 8"± .125 | .120" +.000 -.005 | | | | | | | | | |
| SAA99-1218 | 129909 | 18"± .125 | | | | | | | | | | |
| SAM99-1802 | 129915 | 2"± .063 | .180" +.002 -.004 | | | .15% to 30 kG | dc - 400 Hz | 10 X red | .030" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| SAM99-1808 | 129916 | 8"± .125 | | | | | | | | | | |
| SAR99-1802 | 129919 | 2"± .063 | | | | 1% to 100 kG | | | | | | |
| SAR99-1808 | 129920 | 8"± .125 | | | | | | | | | | |
| PAA99-1908 | 129968 | 8"± .125 | .187" +.002 -.004 | .032 typical | Phenolic | .25% to10 kG | ±3% to 50 kHz max. | 1X blue | .040" dia. nom. | | ± .09 Gauss/ °C | - .04% / °C |
| SAF99-1802 | 129911 | 2"± .063 | .180" +.002 -.004 | .015" ±.010 | Aluminum | .25% to 30 kG | dc - 10 kHz | | .030" dia. nom. | | | |
| SAF99-1808 | 129912 | 8"± .125 | | | | | | | | | | |
| HAM99-2502 | 129927 | 2"± .063 | .250" ±.005 | | | .15% to 30 kG | dc - 400 Hz | 10 X red | | | ± .13 Gauss/ °C | ±.005% / °C |
| HAM99-2508 | 129928 | 8"± .125 | | | | | | | | | | |
| HAR99-2508 | 129932 | 8"± .125 | | | | | | | | | | |
| HAF99-2502 | 129923 | 2"± .063 | | | | .25% to 30 kG | dc - 10 kHz | 1X blue | | | ± .09 Gauss/ °C | - .04% / °C |
| HAF99-2508 | 129924 | 8"± .125 | | | | | | | | | | |
| SAE92-0602 | 129200 | 2"± .063 | .060" +.001 -.003 | | | 2% to 10 kG | dc -5 kHz | | .020" dia. nom. | | ± .20 Gauss/ °C | - .08% / °C |
| SAE92-0608 | 129201 | 8"± .125 | | | | | | | | | | |
| SAE92-0618 | 129202 | 18"± .125 | | | | | | | | | | |
| SAE92-0802 | 129203 | 2"± .063 | .080" ±.003 | | | 1% to 10 kG | | | | | | |
| SAE92-0808 | 129204 | 8"± .125 | | | | | | | | | | |
| SAB92-1202 | 129207 | 2"± .063 | .120" +.000 -.005 | | | | | | | | | |
| SAB92-1208 | 129208 | 8"± .125 | | | | | | | | | | |
| SAB92-1218 | 129209 | 18"± .125 | | | | | | | | | | |
| SAK92-1802 | 129219 | 2"± .063 | .180" +.002 -.004 | | | .25% to 10 kG | dc - 400 Hz | 10 X red | .030" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| SAK92-1802 | 129220 | 8"± .125 | | | | | | | | | | |
| SAR92-1802 | 129227 | 2"± .063 | | | | 1% to 100 kG | | | | | | |
| SAR92-1808 | 129228 | 8"± .125 | | | | | | | | | | |
| SAR92-1818 | 129229 | 18"± .125 | | | | | | | | | | |

***Note: Specifications subject to change without notice.***

# AXIAL PROBES (Continued)

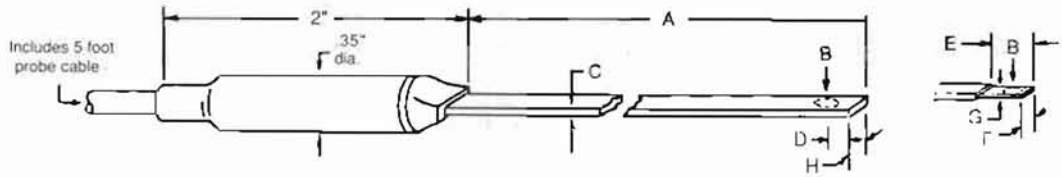
| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAB92-1802 | 129211 | 2"± .063 | .180" +.002 -.004 | .015" ±.010 | Aluminum | 1% to 10 kG | dc -5 kHz | 1X blue | .030" dia. nom. | 0°C to +75°C | ± .09 Gauss/ °C | -.04% / °C |
| SAB92-1808 | 129212 | 8"± .125 | | | | | | | | | | |
| SAB92-1818 | 129213 | 18"± .125 | | | | | | | | | | |
| SAG92-1802 | 129215 | 2"± .063 | | | | 2% to 30 kG | | | | | | |
| SAG92-1808 | 129216 | 8"± .125 | | | | | | | | | | |
| SAG92-1818 | 129217 | 18"± .125 | | | | | | | | | | |
| SAG92-1836 | 129218 | 36"± .250 | | | | | | | | | | |
| HAN92-2508 | 129244 | 8"± .125 | .250" +.005 | | | .5% to 30 kG | dc - 400 Hz | 10 X red | | | ± .13 Gauss/ °C | ±.005% / °C |
| HAB92-2502 | 129231 | 2"± .063 | | | | 1% to 10 kG | dc -5 kHz | 1X blue | | | ± .09 Gauss/ °C | -.04% / °C |
| HAB92-2508 | 129232 | 8"± .125 | | | | | | | | | | |
| HAG92-2502 | 129235 | 2"± .063 | | | | 2% to 30 kG | | | | | | |
| HAG92-2508 | 129236 | 8"± .125 | | | | | | | | | | |
| HAG92-2518 | 129237 | 18"± .125 | | | | | | | | | | |
| SAE4-0602 | 126236 | 2"± .063 | .060" +.001 -.003 | | | 2% to 10 kG | | | .020" dia. nom. | 0°C to +75°C | ± .20 Gauss/ °C | -.08% / °C |
| SAE4-0608 | 126237 | 8"± .125 | | | | | | | | | | |
| SAE4-0618 | 126238 | 18"± .125 | | | | | | | | | | |
| SAE4-0802 | 126239 | 2"± .063 | .080" +.003 | | | | | | | | | |
| SAE4-0808 | 126240 | 8"± .125 | | | | | | | | | | |
| SAE4-0818 | 126241 | 18"± .125 | | | | | | | | | | |
| SAB4-1202 | 126243 | 2"± .063 | .120" +.000 -.005 | | | 1% to 10 kG | | | | | | |
| SAB4-1208 | 126244 | 8"± .125 | | | | | | | | | | |
| SAB4-1218 | 126245 | 18"± .125 | | | | | | | | | | |
| SAK4-1802 | 126247 | 2"± .063 | .180" +.002 -.004 | | | .25% to 10 kG | dc - 400 Hz | 10 X red | .030" dia. nom. | | +.13 Gauss/°C | ± .005% /°C |
| SAK4-1808 | 126248 | 8"± .125 | | | | | | | | | | |
| SAK4-1818 | 126249 | 18"± .125 | | | | | | | | | | |
| SAK4-1836 | 126250 | 36"± .250 | | | | | | | | | | |
| SAN4-1802 | 126251 | 2"± .063 | | | | .5% to 30 kG | | | | | | |
| SAN4-1808 | 126252 | 8"± .125 | | | | | | | | | | |
| SAB4-1802 | 126259 | 2"± .063 | | | | 1% to 10 kG | dc -5 kHz | 1 X blue | | | +.09 Gauss/°C | - .04% /°C |
| SAB4-1808 | 126260 | 8"± .125 | | | | | | | | | | |
| SAG4-1802 | 126263 | 2"± .063 | | | | 2% to 30 kG | | | | | | |
| SAG4-1808 | 126264 | 8"± .125 | | | | | | | | | | |
| SAG4-1818 | 126265 | 18"± .125 | | | | | | | | | | |
| HAK4-2508 | 126268 | 8"± .125 | .250" +.005 | | | .25% to 10 kG | dc - 400 Hz | 10 X red | | | +.13 Gauss/°C | ± .005% /°C |
| HAK4-2518 | 126269 | 18"± .125 | | | | | | | | | | |

***Note: Specifications subject to change without notice.***

# AXIAL PROBES (Continued)

| Model | Item Number | A | D | C | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAR4-2508 | 126276 | 8" ± .125 | .250" ±.005 | .015" ±.010 | Aluminum | 1% to 100 kG | dc - 400 Hz | 10X red | .030" dia. nom. | 0°C to + 75° C | ± .13 Gauss/°C | ±.005% /°C |
| HAB4-2502 | 126279 | 2" ± .063 | | | | 1% to 10 kG | dc -5 kHz | 1X blue | | | ± .09 Gauss/ °C | - .04% / °C |
| HAB4-2508 | 126280 | 8" ± .125 | | | | | | | | | | |
| HAB4-2518 | 126281 | 18" ± .125 | | | | | | | | | | |
| HAG4-2508 | 126284 | 8" ± .125 | | | | 2.0% to 30 kG | | | | | | |

# TRANSVERSE PROBES




| Model | Item Number | A | H | C | D | E | F | G | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max) Zero | Temp Stability (max) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STF99-0402 | 129937 | 2" ± .063 | .150" ±.004 | .040" +.000 −.004 | .145" ± .063 | Not Applicable | Not Applicable | Not Applicable | Rigid Glass Expoxy | .25% to 30 kG | dc - 10 kHz | 1X blue | .070" dia. nom. | 0° C to + 75° C | ± .09 Gauss/°C | − .04% /°C |
| STF99-0404 | 129938 | 4" ± .063 | | | | | | | | .15% to 30 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ± .13 Gauss /°C | ± .005% /°C |
| STM99-0402 | 129939 | 2" ± .063 | | | | | | | | 1% to 100 kG | | | | | | |
| STM99-0404 | 129940 | 4" ± .063 | | | | | | | | | | | | | | |
| STR99-0402 | 129941 | 2" ± .063 | | | | | | | | | | | | | | |
| STR99-0404 | 129942 | 4" ± .063 | | | | | | | | | | | | | | |
| STA99-0404 | 129967 | 4" ± .063 | | | | | | | | .25% to 10 kG | ±3% to 50 kHz max. | 1X blue | .080" dia. nom. | | ± .09 Gauss /°C | − .04% /°C |
| HTF99-0608 | 129943 | 8" ± .125 | .180" ±.003 | .060" +.000 −.004 | | | | | Aluminum | .25% to 30 kG | dc-10 kHz | | .070" dia. nom. | | | |
| HTF99-0618 | 129944 | 18" ± .125 | | | | | | | | .15% to 30 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ± .13 Gauss /°C | ± .005% /°C |
| HTM99-0608 | 129945 | 8" ± .125 | | | | | | | | 1% to 100 kG | | | | | | |
| HTM99-0618 | 129946 | 18" ± .125 | | | | | | | | | | | | | | |
| HTR99-0608 | 129947 | 8" ± .125 | | | | | | | | | | | | | | |
| HTR99-0618 | 129948 | 18" ± .125 | | | | | | | | | | | | | | |
| STF99-0204 | 129951 | 4" ± .063 | .155" ±.005 | .040" +.002 −.009 | .130" ±.008 | .375" ±.063 | .130" ±.003 | .020" ±.003 | Semi-Rigid Rubber | .25% to 30 kG | dc - 10 kHz | 1X blue | .070" dia. nom. | | ± .09 Gauss /°C | − .04% /°C |
| STM99-0204 | 129952 | | | | | | | | | .15% to 30 kG | dc - 400 Hz | 10X red | .040" dia. nom. | | ± .13 Gauss /°C | ± .005% /°C |
| STR99-0204 | 129953 | | | | | | | | | 1% to 100 kG | | | | | | |
| STC99-0104 | 129954 | | | | .055" ±.005 | .312" ±.031 | .080" ±.003 | .015" +.000 −.003 | | .50% to 10 kG | dc - 10 kHz | 1X blue | | | ± .15 Gauss /°C | − .08% /°C |
| STC99-0004 | 129955 | | | | .050" ±.005 | .375" ±.063 | .135" ±.005 | .010" +.000 −.003 | | | dc - 400 Hz | | .030" dia. nom. | 0° C to 50° C | ± .20 Gauss /°C | − .10% /°C |

***Note: Specifications subject to change without notice.***

# TRANSVERSE PROBES (Continued)

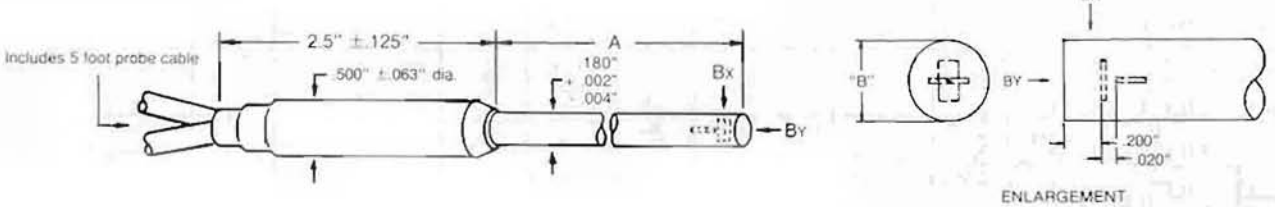
| Model | Item Number | A | H | C | D | E | F | G | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STB92-0402 | 129253 | 2"± .063 | .150" ±.004 | .040" +.000 -.004 | .145" ±.063 | Not Applicable | Not Applicable | Not Applicable | Rigid Glass Epoxy | 1% to 10 kG | dc - 5kHz | 1X blue | .070" dia. nom. | 0°C to +75° C | ±.09 Gauss/ °C | -.04% / °C |
| STB92-0404 | 129254 | 4"± .063 | | | | | | | | 2% to 30 kG | | | | | | |
| STG92-0402 | 129255 | 2"± .063 | | | | | | | | | | | | | | |
| STG92-0404 | 129256 | 4"± .063 | | | | | | | | | | | | | | |
| STJ92-0402 | 129257 | 2"± .063 | | | | | | | | .1% to 10 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| STJ92-0404 | 129258 | 4"± .063 | | | | | | | | .25% to 30 kG | | | | | | |
| STL92-0402 | 129259 | 2"± .063 | | | | | | | | 1% to 100 kG | | | | | | |
| STL92-0404 | 129260 | 4"± .063 | | | | | | | | | | | | | | |
| STR92-0404 | 129262 | 4"± .063 | | | | | | | | | | | | | | |
| HTB92-0608 | 129263 | 8"± .125 | .180" ±.003 | .060" +.000 -.004 | | | | | Aluminum | 1% to 10 kG | dc - 2 kHz | 1X blue | .070" dia. nom. | | ± .09 Gauss/ °C | - .04% / °C |
| HTB92-0618 | 129264 | 18"± .125 | | | | | | | | 2% to 30 kG | | | | | | |
| HTG92-0608 | 129265 | 8"± .125 | | | | | | | | | | | | | | |
| HTG92-0618 | 129266 | 18"± .125 | | | | | | | | .1% to 10 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| HTJ92-0608 | 129267 | 8"± .125 | | | | | | | | .25% to 30 kG | | | | | | |
| HTL92-0608 | 129269 | 8"± .125 | | | | | | | | 1% to 100 kG | | | | | | |
| HTL92-0618 | 129270 | 18"± .125 | | | | | | | | | | | | | | |
| HTR92-0608 | 129271 | 8"± .125 | | | | | | | | | | | | | | |
| STB92-0204 | 129275 | 4"± .063 | .155" ±.005 | .040" +.002 -.009 | .130" ±.008 | .375" ±.063 | .130" ±.003 | .020" +.003 | Semi-Rigid Rubber | 1% to 10 kG | dc - 5 kHz | 1X blue | .070" dia. nom. | | ± .09 Gauss/ °C | - .04% / °C |
| STG92-0204 | 129276 | | | | | | | | | 2% to 30 kG | | | | | | |
| STL92-0204 | 129278 | | | | | | | | | .25% to 30 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| STB4-0402 | 126181 | 2"± .063 | .150" ±.004 | .040" +.000 -.004 | .145" ±.063 | Not Applicable | Not Applicable | Not Applicable | Rigid Glass Epoxy | 1% to 10 kG | dc - 5 kHz | 1X blue | .070" dia. nom. | | ± .09 Gauss/ °C | - .04% / °C |
| STB4-0404 | 126182 | 4"± .063 | | | | | | | | 2% to 30 kG | | | | | | |
| STG4-0402 | 126183 | 2"± .063 | | | | | | | | | | | | | | |
| STG4-0404 | 126184 | 4"± .063 | | | | | | | | | | | | | | |
| STJ4-0402 | 126185 | 2"± .063 | | | | | | | | .1% to 10 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss/ °C | ±.005% / °C |
| STJ4-0404 | 126186 | 4"± .063 | | | | | | | | .25% to 30 kG | | | | | | |
| STL4-0402 | 126187 | 2"± .063 | | | | | | | | | | | | | | |
| STL4-0404 | 126188 | 4"± .063 | | | | | | | | | | | | | | |
| STR4-0402 | 126189 | 2"± .063 | | | | | | | | 1% to 10 kG | | | | | | |
| STR4-0404 | 126190 | 4"± .063 | | | | | | | | | | | | | | |

***Note: Specifications subject to change without notice.***

## TRANSVERSE PROBES (Continued)

| Model | Item Number | A | H | C | D | E | F | G | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HTB4-0608 | 126198 | 8" ± .125 | .180" ±.003 | .060" +.000 -.004 | .145" ±.063 | Not Applicable | Not Applicable | Not Applicable | Aluminum | 1% to 10 kG | dc - 2 kHz | 1 X blue | .070" dia. nom. | 0° C to +75° C | ± .09 Gauss /°C | - .04% /°C |
| HTB4-0618 | 126199 | 18" ± .125 | | | | | | | | 2% to 30 kG | | | | | | |
| HTG4-0608 | 126200 | 8" ± .125 | | | | | | | | | | | | | | |
| HTG4-0618 | 126201 | 18" ± .125 | | | | | | | | | | | | | | |
| HTJ4-0608 | 126202 | 8" ± .125 | | | | | | | | .1% to 10 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss /°C | - .005% /°C |
| HTJ4-0618 | 126203 | 18" ± .125 | | | | | | | | .25% to 30 kG | | | | | | |
| HTL4-0608 | 126204 | 8" ± .125 | | | | | | | | | | | | | | |
| HTL4-0618 | 126205 | 18" ± .125 | | | | | | | | 1% to 100 kG | | | | | | |
| HTR4-0608 | 126206 | 8" ± .125 | | | | | | | | | | | | | | |
| STB4-0204 | 126191 | 4" ± .063 | .155" ±.005 | .040" +.002 -.009 | .130" ±.008 | .375" ±.063 | .130" ±.003 | .020" ±.003 | Semi-Rigid Rubber | 1% to 10 kG | dc - 5 kHz | 1 X blue | .070" dia. nom. | | ± .09 Gauss /°C | - .04% /°C |
| STG4-0204 | 126192 | | | | | | | | | 2% to30 kG | | | | | | |
| STJ4-0204 | 126193 | | | | | | | | | .1% to 10 kG | dc - 400 Hz | 10 X red | .040" dia. nom. | | ± .13 Gauss /°C | - .005% /°C |
| STL4-0204 | 126194 | | | | | | | | | .25% to 30 kG | | | | | | |
| STE4-0104 | 126196 | | | | .055" ±.005 | .312" ±.005 | .080" ±.003 | .015" +.000 -.003 | | 2% to10 kG | dc - 5 kHz | 1 X blue | | | ± .15 Gauss /°C | - .10% /°C |
| STI4-0004 | 126197 | | | | .050" ±.005 | .375" ±.063 | .135" ±.005 | .010" +.000 -.003 | | 3% to10 kG | dc - 400 Hz | | .030" dia. nom. | 0° C to +50° C | ± .20 Gauss /°C | - .10% /°C |

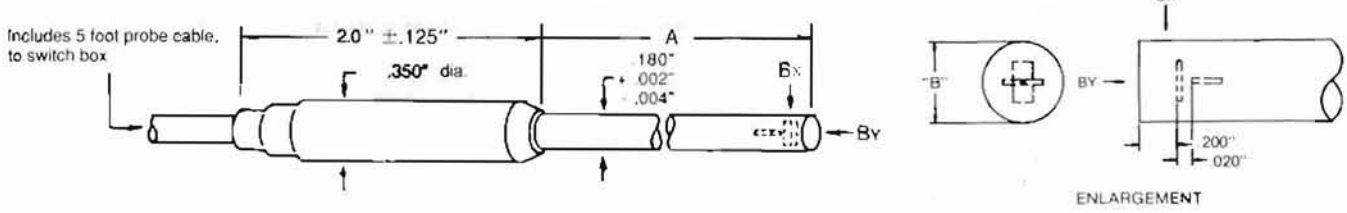
## TWO AXIS PROBES (SERIES 9900)




| Model | Item Number | A | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|
| YOA99-1802 | 129975 | 2" ± .063 | Aluminum | .25% to 10 kG | dc - 400 Hz | 1X | .020" dia. nom. | 0° C to +75° C | ±.10 Gauss/°C | -.04% /°C |
| YOA99-1808 | 129976 | 8" ± .125 | | | | | | | | |

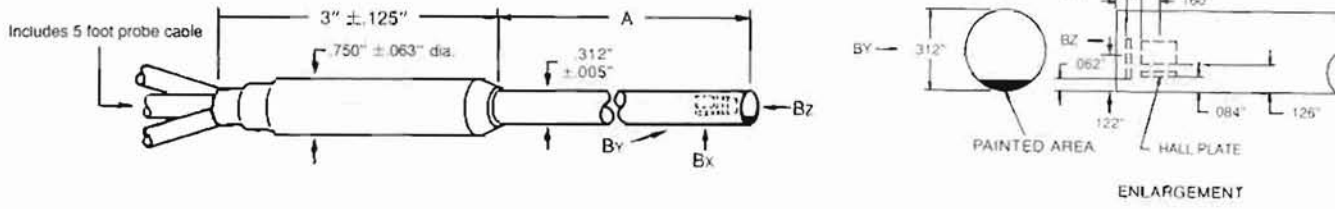
***Note: Specifications subject to change without notice.***

## TWO AXIS PROBES (MODEL 9640)



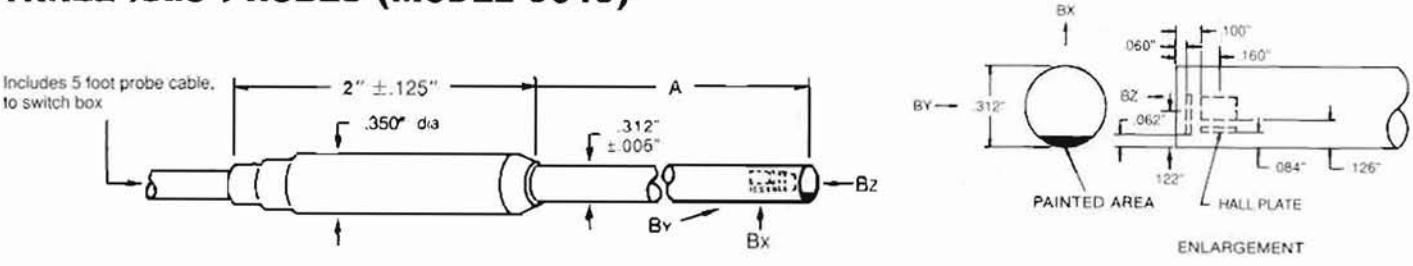

| Model | Item Number | A | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|
| YOB4-1802 | 126331 | 2" ± .063 | Aluminum | 1% to 10 kG | dc - 400 Hz | 1X blue | .020" dia. nom. | 0° C to +75° C | ±.10 Gauss/°C | -.04% /°C |
| YOB4-1808 | 126332 | 8" ± .125 | | | | | | | | |

## THREE AXIS PROBES (SERIES 9900)




| Model | Item Number | A | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|
| ZOA99-3202 | 129979 | 2" ± .063 | Aluminum | .25% to 10 kG | dc - 400 Hz | 1X | .060" dia. nom. | 0° C to +75° C | ±.10 Gauss/°C | -.04% /°C |
| ZOA99-3208 | 129980 | 8" ± .125 | | | | | | | | |

## THREE AXIS PROBES (MODEL 9640)



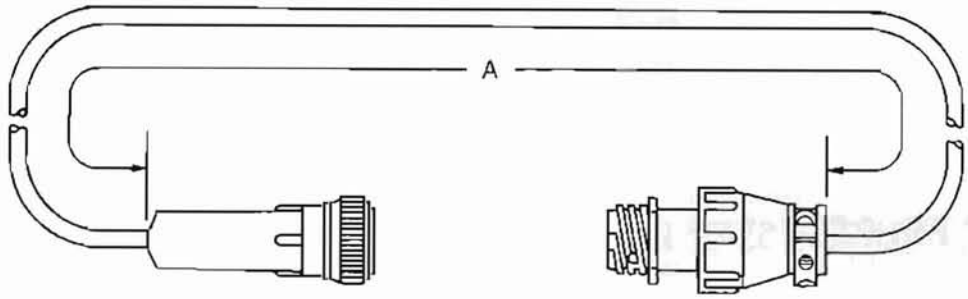

| Model | Item Number | A | Stem Material | Linearity % of Reading | Frequency Range | Sensitivity | Active Area | Operating Temp. Range | Temp Stability (max.) Zero | Temp Stability (max.) Calibrate |
|---|---|---|---|---|---|---|---|---|---|---|
| ZOB4-3202 | 126341 | 2" ± .063 | Aluminum | 1% to 10 kG | dc - 400 Hz | 1X blue | .060" dia. nom. | 0° C to +75° C | ±.10 Gauss/°C | -.04% /°C |
| ZOB4-3208 | 126342 | 8" ± .125 | | | | | | | | |

***Note: Specifications subject to change without notice.***

# PROBE EXTENSION CABLES

## EXTENSION CABLES FOR SERIES 9900, MODEL 9500, MODEL 9200

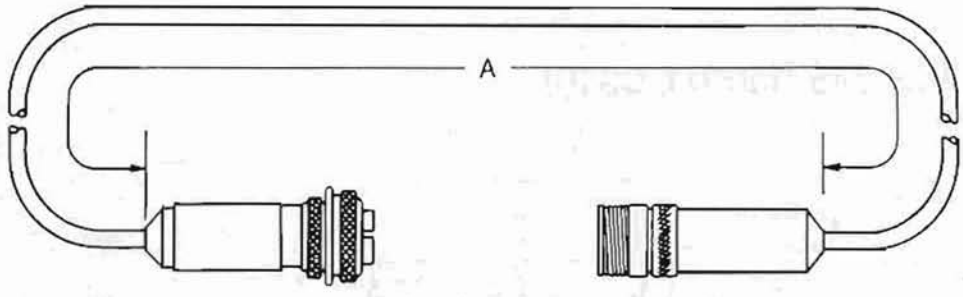
The calibrated extension cable (●) are calibrated at the factory to achieve less than 0.1% error with a specific probe. The cable will be in calibration with that probe only. Other probes, even of the same model number, will not be in calibration with the cable.




| Model | Item Number | A | Error |
|---|---|---|---|
| XOQ99-0010 | 127420 | 10' ± 2" | < 0.1% |
| XOQ99-0025 | 127421 | 25' ± 2" | |
| XOQ99-0050 | 127422 | 50' ± 2" | |
| XOQ99-0100 | 127423 | 100' ± 2" | |

| Model | Item Number | A | Error |
|---|---|---|---|
| XOQ92-0010 | 127400 | 10' ± 2" | < 0.1% |
| XOQ92-0025 | 127401 | 25' ± 2" | |
| XOQ92-0050 | 127402 | 50' ± 2" | |
| XOQ92-0100 | 127403 | 100' ± 2" | |

## EXTENSION CABLES FOR MODEL 9640




| Model | Item Number | A | Error |
|---|---|---|---|
| XOVO-0010 | 126951 | 10' ± 2" | 1% |
| XOQ4-0010 | 126959 | | < 0.1% ● |
| XOVO-0025 | 126952 | 25' ± 2" | 2% |
| XOQ4-0025 | 126960 | | < 0.1% ● |

| Model | Item Number | A | Error |
|---|---|---|---|
| XOVO-0050 | 126953 | 50' ± 2" | 3% |
| XOQ4-0050 | 126961 | | < 0.1% ● |
| XOVO-0100 | 126954 | 100' ± 2" | 5% |
| XOQ4-0100 | 126962 | | < 0.1% ● |

***Note: Specifications subject to change without notice.***

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP