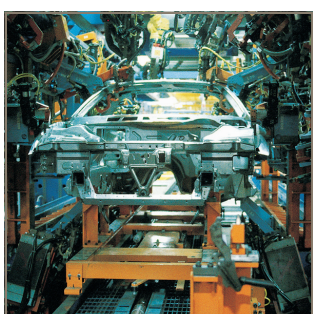




SensoControl ServiceJunior

with data logger



ENGINEERING YOUR SUCCESS.

SensoControl ServiceJunior

with data logger

- Digital pressure measurement with backlit display
- Measurement range up to 1000 bar
- Accuracy up to 0.1 %
- Data logger function with integrated memory and real time clock optional
- Pressure peak measurement with 10 ms scanning rate
- MIN/MAX value display
- Extremely rugged and reliable due to metal housing
- Start/stop measurement eliminates the need for complex calculations and tedious configurations
- Memory optimization through automatic data compression



The ServiceJunior allows users to measure, display and store pressures in a single device. It stands out for its extremely rugged design with metal housing and its simple operation. For accurate measurements over a wide pressure range, several mechanical manometers are often required. Thanks to its high precision, resolution and long-term stability, as well as its 4 1/2 digit display, the ServiceJunior handles the task with just one device.

Pressure peaks are reliably recorded with a sample rate of 10 ms. The MIN/MAX function automatically saves the minimum and maximum pressure, which can be accessed at the push of a button.

The optional data logger with real time clock records both current measured values and the min and max values as well. Parker's typical start/stop function with automatic data compression makes complex calculations and tedious configurations unnecessary. Measurements of up to 24 hours can be started easily at the push of a button. Stored measurement data is transferred to a computer or laptop via the USB interface. Thanks to the universal CSV format, data can be analyzed and documented independent of any specialized software.

With an impressive price/performance ratio, the device offers all the advantages of digital pressure measurement.

Applications:

- Maintenance and Service
- Pressure Test
- Leak Test
- Maintenance and operation
- Quality management and laboratory

Functionalities:

- MIN/MAX display
- Adjustable display filter
- ZERO function
- Automatic deactivation adjustable
- Reversible units
- Data logger and realtime clock optional

Markets:

- Mobile hydraulics
- Industrial hydraulics
- Pneumatics
- Plants and machinery
- Environment engineering



Technical Data

SCJN-	016	100	400	600	1000
Measurement range (bar)	-1...16	0...100	0...400	0...600	0...1,000*
Overload pressure Pmax (bar)	32	200	800	1,000	1,000
Burst pressure (bar)	160	800	1,700	2,000	2,000
Housing	Ø = 90 mm, D = 45 mm Zinc die casting with TPE rubber protection cover				
Weight	approx. 500 g				
Pressure port	Stainless steel 1/4" BSPP (ISO 228-1), M16x2 SCA-1/4-EMA-3 adapter included				
Input	10 ms scanning rate Accuracy: 0.5 % FS ±1 Digit: SCJN-xxx-01 0.25 % FS ±1 Digit: SCJN-xxx-03 0.1 % FS ±1 Digit: SCJN-xxx-02 + 0.2 %/year				
Display	LC text display, 4.5 digits Back-lit illumination				
Parts contacting medium	Stainless steel, NBR				
Functions	Units: mbar, bar, PSI, Mpa, kPa, kg/cm² Display MIN/MAX/FS Battery level display Auto Power Off/On Zero (zero point adjustment) Reset (delete MIN/MAX)				
Data logger (optional)	USB mini port / with protective cap Real time clock Storage rate from 100 ms. Up to 18000 measured values (automatic data compression) Maximum measuring time: 24 hr. Number of measurements: 10 Memory format: CSV				
Power supply	2 x 1.5V batteries (AA) Battery lifetime max. 1,500 h, with data logger 600 h				
Ambient conditions	Ambient temperature -10...+50 °C (0...50 °C for SCJN-xxx-x2) Storage temperature -20...+60 °C Media temperature -20...+80 °C rel. humidity < 85 % Protection class IP67 EN 60529, Data logger version IP65 Vibration IEC 60068-2-6/ 10...500 Hz, 5 g Shock load IEC 60068-2-29/25 g, 11 ms				

* Nenndruck 630 bar, for pressure peaks up to 1000 bar

Delivery program

ServiceJunior measurement ranges -1...016 bar/0...100 bar/0...400 bar/0...600 bar/0...1.000 bar	order designation
ServiceJunior 0.5%	SCJN-xxx-x1
ServiceJunior 0.1%	SCJN-xxx-x2
ServiceJunior 0.25%	SCJN-xxx-x3
ServiceJunior with data logger	
ServiceJunior 0.5% with data logger	SCJN-xxx-L1
ServiceJunior 0.1% with data logger	SCJN-xxx-L2
ServiceJunior 0.25% with data logger	SCJN-xxx-L3
ServiceJunior with calibration certificate as per ISO 9001	
ServiceJunior 0.5% with calibration certificate	K-SCJN-xxx-x1
ServiceJunior 0.1% with calibration certificate	K-SCJN-xxx-x2
ServiceJunior 0.25% with calibration certificate	K-SCJN-xxx-x3
ServiceJunior with data logger and calibration certificate as per ISO 9001	
ServiceJunior 0.5% with calibration certificate	K-SCJN-xxx-L1
ServiceJunior 0.1% with calibration certificate	K-SCJN-xxx-L2
ServiceJunior 0.25% with calibration certificate	K-SCJN-xxx-L3
ServiceJunior Kit	
Included in supply package:	
- Equipment case SCC-120	
- ServiceJunior SCJN-XXX-X1 (0.5%) incl. adapter (1/4" BSPP female - M16x2 female) SCA-1/4-EMA-3	
- Adapter (M16x2 male - M16x2 male) SCA-EMA-3/3	
- Test hose 1,500 mm (M16x2) SMA3-1500	
ServiceJunior-Kit	SCJN-KIT-xxx*
ServiceJunior Datalogger-Kit	SCJN-KIT-XXX-L1*

* not available for 1,000 bar

ENGINEERING YOUR SUCCESS.

Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai
Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, St. Florian
Tel: +43 (0)7224 66201
parker.austria@parker.com

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/NL/LU – Benelux,
Hendrik Ido Ambacht
Tel: +31 (0)541 585 000
parker.nl@parker.com

BG – Bulgaria, Sofia
Tel: +359 2 980 1344
parker.bulgaria@parker.com

BY – Belarus, Minsk
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Piraeus
Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaörs
Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IL – Israel
Tel: +39 02 45 19 21
parker.israel@parker.com

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty
Tel: +7 7273 561 000
parker.easteurope@parker.com

NO – Norway, Asker
Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

US – USA, Cleveland
Tel: +1 216 896 3000

US – USA, Minneapolis
Parker Hannifin Corporation
Quick Coupling Division
8145 Lewis Road
Minneapolis, MN 55427
Tel: +1 763 544 7781
fax: +1 763 544 3418
parker.com/conditionmonitoring

Asia Pacific

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

CN – China, Shanghai
Tel: +86 21 2899 5000

HK – Hong Kong
Tel: +852 2428 8008

IN – India, Mumbai
Tel: +91 22 6513 7081-85

JP – Japan, Tokyo
Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

SG – Singapore
Tel: +65 6887 6300

TH – Thailand, Bangkok
Tel: +662 186 7000

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos
Tel: +55 800 727 5374

CL – Chile, Santiago
Tel: +56 2 623 1216

MX – Mexico, Toluca
Tel: +52 72 2275 4200

© 2019 Parker Hannifin Corporation. All rights reserved.

BUL/4192/UK 11/2019
k-konzept

EMEA Product Information Centre

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL,
IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

US Product Information Centre

Toll-free number: 1-800-27 27 537

www.parker.com

Your local authorized Parker distributor

