



Technical Datasheet

RPB® T200™ Respirator

DESCRIPTION

The RPB T200 is a lightweight multipurpose respirator designed specifically for the Healthcare and Life Science industries, relieving workers of breathing difficulties and fatigue experienced with N95 use. Available with either a head harness or bump cap for head protection and multiple hood options, the T200 has the ability to adapt to different environments that need face protection and respiratory protection. Using the T200 or T-Link hoods provides an APF of greater than 1000 (CE APF 40 - TH3) with all configurations. It also gives facilities the ability to adapt the base product to suit multiple applications without having large inventories of replacement parts. The T200 has been approved by NIOSH for use with the RPB PX5® PAPR or with Supplied Air. It is CE approved with the PX5 PAPR.

This respirator does not require face fit testing.

There are four variations of respirator hood available:

1. Tychem® 2000 Face Seal Hood which allows for the wearer to easily use a stethoscope with open access to the ears.
2. Tychem® 2000 Shoulder Length Face Seal Hood also allows stethoscope use without breaking the face seal but provides additional coverage down to the shoulders.
3. Tychem® 2000 Full Hood with Neck Seal providing an Assigned Protection Factor of 1000.
4. Tychem® 4000, Sealed Seams Full Hood with Neck Seal for higher levels of protection from chemicals and liquids.

For hearing protection, the optional Quiet-Slim™ Ear Defender earmuff system can be used.

Type description

Loose fitting powered air purifying and supplied air respirator.

The T200 offers a number of optional accessory items, including:

	Part #
Quiet-Slim ear defender system	18-524
Clear-Vision Cassette Lens System for T200	17-811
Clear-Vision Cassette Lens System for T-LINK	17-817
Peel-off lens for T-LINK (pack of 50)	17-815



T200 version 17-722 (above)
T200 version 17-732 (middle)
T-Link version 17-712 (right)

APPROVALS & STANDARDS

ISO9001
CERTIFIED COMPANY

NIOSH
National Institute for Occupational Safety and Health
PAPR & SAR Type C

CE 2797

EN12941:1998 +A2:2008
TH3 P R SL
RESPIRATORY PROTECTION

EN352-1:2002
HEARING PROTECTION
Only in conjunction with 18-524 earmuffs.

EN166:2001 CLASS 1F3
EYE & FACE PROTECTION
Not all configurations conform to this standard.
Please visit rpbsafety.com for more details.

ANSI

S3.19
HEARING PROTECTION
Only in conjunction with 18-524 earmuffs.

Z87
EYE & FACE PROTECTION
Not all configurations conform to this standard.
Please visit rpbsafety.com for more details.

BSI Certified Product

AS/NZS 1716:2012
BMP# 714303
RESPIRATORY PROTECTION

AS/NZS 1337.1:2010
BMP# 714304
EYE & FACE PROTECTION
Not all configurations conform to this standard.
Please visit rpbsafety.com for more details.

Respirator Assemblies

(Including PX5 PAPR, Breathing Tube, and Air Duct/Head Harness)

	Part #
T200 Tychem® 2000 Face Seal Hood	17-208-22
T200 Tychem® 2000 Shoulder Length Face Seal Hood	17-208-32
T-LINK Tychem® 2000 Full Length Hood	17-208-12

Additional configurations are available, including with Air Duct/Bump Cap assembly and alternate hood types.



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SPECIFICATIONS

Materials

ABS and Nylon	Injection molded parts
Polyurethane foam	Comfort padding on bump cap
HDPE	Head harness
PETG	Lenses
Tychem® 2000 or 4000	Hood
Cotton	Face Seal

The T200 is latex free.

Noise rating

When used with the 18-524 Quiet-Slim ear defenders	NRR: 21 / SNR: 28
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Operating temperature

14°F to 140°F / -10°C to 60°C

Storage temperature

14°F to 113°F / -10°C to 45°C <90%RH

Weight

T200 face seal hood, air duct and head harness	0.71lbs / 321g
T200 face seal hood, air duct and bump cap	0.90lbs / 407g

Assigned Protection Factor

NIOSH	APF 1000+
CE & AS/NZS	APF 40 (TH3) NPF 500

Application ranges (including but not limited to the following)

Healthcare, pharmaceutical manufacturing, chemical, pesticide, and materials handling, painting (automotive, industrial, fire proofing), coating, concrete cutting, aggregate, chemical stripping, sanding, waste management.

Warranty

1 year. Conditions apply, visit rpb.com/healthcare/legal for full details.

REQUIRED COMPONENT OPTIONS

Required Components

- T200/T-LINK respirator hood
- T200 air duct head harness/bump cap assembly
- Breathing tube
- RPB PX5 or flow control device and breathing airline

Head harness options

	Part #
Head harness assembly	15-840
Bump cap assembly	15-850
Air Duct Assembly with Lens Mounts	15-860

Hood options

	Part #
Tychem® 2000 Face Seal Hood	17-722
Tychem® 2000 Shoulder Length Face Seal Hood	17-732
Tychem® 2000 Full Length Hood	17-712
Tychem® 4000 Full Length Hood, Sealed Seams	17-713
Tychem® 4000 Full Length Hood, Sealed Seams, Extra Long	17-713-X

Replacement hoods: When the hood becomes either damaged or contaminated this can be easily removed and replaced. The T200 features low ongoing consumable costs and a reusable internal framework, including air duct and head harness/bump cap assembly.



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A Certified RPB Biotechnician Company





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REQUIRED COMPONENT OPTIONS

NIOSH approved flow control devices	Part #
PX5® PAPR	03-801
C40™ Climate Control Device	03-501
Constant Flow Valve	03-101

Other NIOSH flow control device and fitting combinations available

NIOSH breathing airlines - standard hose		
Fitting type	Hose length	Part #
RPB	25ft breathing airline	NV2028
RPB	50ft breathing airline	NV2029
RPB	100ft breathing airline	NV2027
Schrader	25ft breathing airline	04-342-25
Schrader	50ft breathing airline	04-342-50
Schrader	100ft breathing airline	04-342-100
RZ	25ft breathing airline	04-352-25-RZ
RZ	50ft breathing airline	04-352-50-RZ
RZ	100ft breathing airline	04-352-100-RZ

Standard hoses max working length - 300ft
Max working pressure - 300psi

NIOSH breathing airlines - recoil hose		
Fitting type	Hose length	Part #
RPB	15ft recoil hose	04-412-15
RPB	25ft recoil hose	04-412-25
Schrader	15ft recoil hose	04-442-15
Schrader	25ft recoil hose	04-442-25

Recoil hose max working length - 1 hose
Max working pressure - 300psi

Fittings and couplers

NIOSH	RPB Quick Connect
	Schrader Twist Connect
	RPB RZ Quick Connect

CE & AS/NZS approved flow control devices	Part #
PX5 PAPR	03-801-EUUK
PX5 PAPR	03-801-AUNZ



Employers

Read the T200 and the flow control device instruction manual and carry out the employer responsibilities.

Provide the manuals to all users.

Product users

Read the T200 and the flow control device instruction manual and follow the product user safety instructions.

Manuals are regularly updated.

For complete safety, inspection, and use information, see the instruction manuals for each product available at duralinesystems.com

Call (877) 561-0500

Buy Online at www.DuralineSystems.com



A Certified RPB Biotechnician Company

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