

Model assortment

Model #	Description	Rotary hammer tool body EY7881	28.8V Li-Ion battery pack EY9LB4	Universal charger EYDLB2	Dust collection system (DCS) EY9X400E	Chisel adaptor EY9HX402E	Systainer case TOOLBOX4RH
EY7881PC2V	Complete kit with DCS	x 1	x 2	x 1	x 1	x 1	x 1
EY7881PC2S	Complete kit without DCS	x 1	x 2	x 1		x 1	x 1
EY7881XVT	Body only with DCS	x 1			x 1	x 1	x 1
EY7881XT	Body only without DCS	x 1				x 1	x 1
EY7881X	Body only	x 1				x 1	

Tool specification

Voltage	28.8V						
Battery capacity	Li-Ion 3.4Ah						
Charging time	60-minute quick charging (up to approx. 80% capacity) + 30-minute cell-protection trickle charge mode for full charge						
Drill chuck	SDS-Plus quick lock chuck						
Speed at no load, blows and joule by mode selection	Mode	Speed/min.	Blows/min.	Joule (approx.)			
	High	0-840 min. ⁻¹	0-4400	3.3			
	Medium	0-680 min. ⁻¹	0-3600	2.3			
	Low	0-560 min. ⁻¹	0-2950	1.4			
Dimension and weight	with battery pack and full-extended DCS : 507 x 241 x 92 mm / 4.8 Kg						
	with battery pack, without DCS : 368 x 237 x 92 mm / 3.9 Kg						
Vibration	Three-axis composite value : Main grip 9.9m/s ² Side handel 11.4m/s ² (according to EN60745-2-6)						

Drilling capacity Reference (Number of holes may differ by hole size, drill bit condition and material hardness)

Material	Mode	Hole size	Number of holes : approx.
Concrete 2.4kN/cm ²	High with DCS	φ8mm x 100mm	30
	High with DCS	φ12.5mm x 40mm	120
	High with DCS	φ12.5mm x 40mm with t=1.6mm metal plate	45
	High with DCS	φ18mm x 70mm	35
	High without DCS	φ28mm x 155mm	2
Yellow pine	High without DCS	φ30mm x 120mm	10
Siding panel	High without DCS	φ160mm x 16mm by core hole saw	15

Dust collection system (DCS) specification

Weight	0.9 Kg
Applicable drill bit size	Dia. : 5 - 18mm Overall length : 110 - 170mm (50 - 110mm excluding shank length)
Drilling distance adjustment	Overall stroke : 95mm Max. distance : 75mm
Drill bit tip alignment	Max. distance : 75mm
Suction power	250 L / min.
Dust box capacity	approx. 270ml (e.g. concrete dust volume with φ10mm x depth 40mm x 30 holes)
Dust filter	High efficiency filter for concrete dust
Filter life	approx. 100 times of full dust box

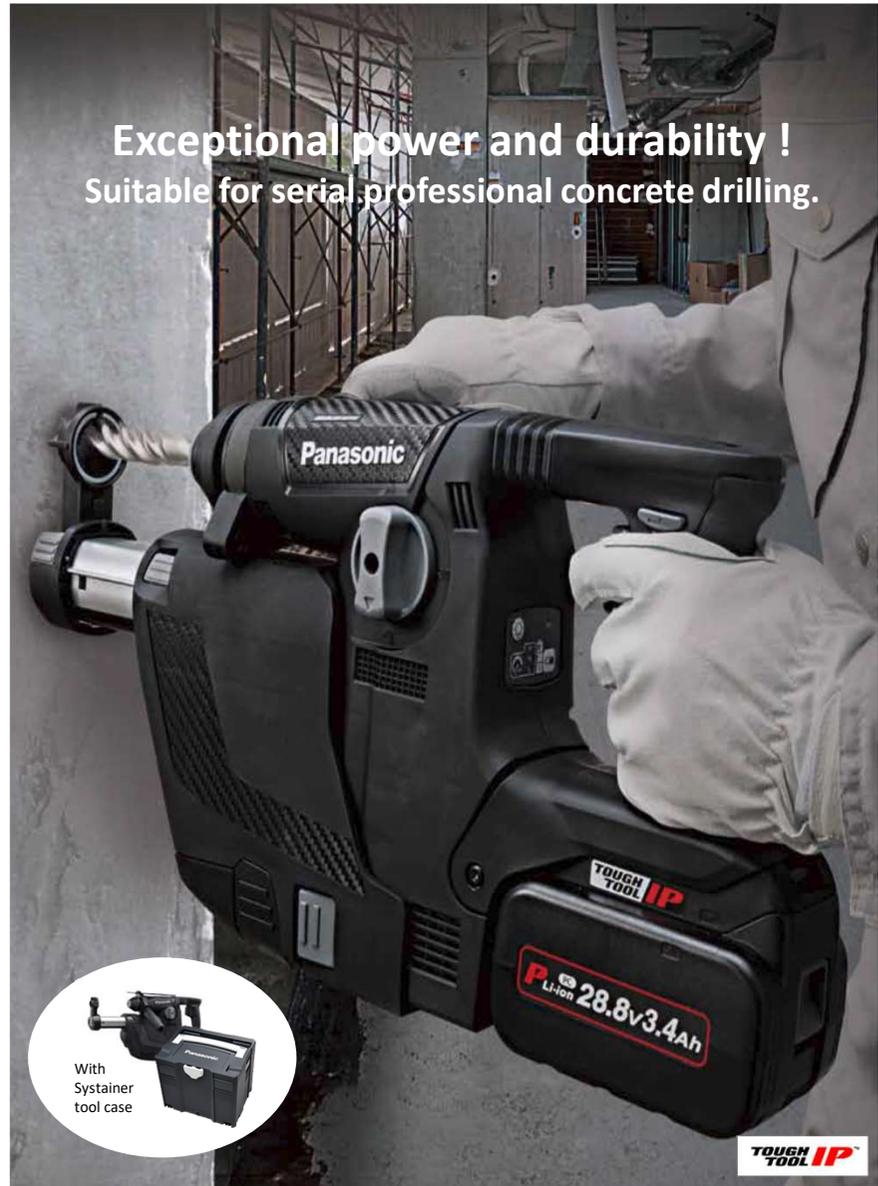
Replacement consumable accessory

	Dust sealing cap EyxXXXXXXXXXX (tbd)
	Dust filter box block EyxXXXXXXXXXX (tbd)
	Dust filter EyxXXXXXXXXXX (tbd)



Panasonic

Cordless Rotary Hammer
EY7881



Exceptional power and durability !
Suitable for serial professional concrete drilling.



With
Systainer
tool case

**TOUGH
TOOL IP**

Dynamic power and technology with advanced ergonomics

Ensures efficiency, durability and handling for the tough demands of professionals.

Enhanced power and durability with heavy-duty brushless motor

- *1.5 times stronger power : 3.3 Joule
 - faster and smoother drilling
 - (vs previous model EY7880)
- *Double lifetime motor and switch
- (vs previous model EY7880)
- *Maximum concrete drilling $\phi 28\text{mm}$
- (with Dust collection system, max. 18mm)
- *Amplify battery energy capacity 98Wh
- (28.8V x 3.4Ah=approx. 98Wh, cf. 18V x 5Ah=90Wh)



Combination of large BL motor and long distance hammer stroke generates high impact power.



Serial drilling to make 35 holes of $\phi 18 \times 70\text{mm}$ from one full charge.

High power, durability & efficiency

Compact, yet powerful dust collection system (DCS)

- *Advanced suction air flow design
 - compact yet powerful unit
- *Heavy-duty dust sealing cap
 - minimize air-gap with various size bit
- *Remaining dust collection run-on timer
- *High efficiency filter for concrete dust
- *Dust box capacity 270 ml for serial use
- (Concrete dust volume of $\phi 10\text{mm} \times 40\text{mm} \times 30$ holes)



Powerful suction even downwards



Heavy-duty bristle brush dust sealing



Easy handling by one hand (detach/attach box, throw dust)

Easy and comfortable drilling management

- *Low vibration : Main grip 9.9m/s²
 - less fatigue in serial drilling
- *In-line grip design
 - Efficient pressure delivery to bit

(Photo) vibration absorber system

Vibration absorber system (Patent pending)



Advanced ergonomics for serial use



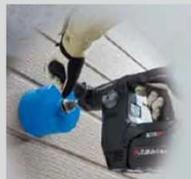
28.8V power in compact and light weight body

- *Easy handling even in upward task
 - 4.8Kg with DRS, 3.9Kg without DRS
- *Advanced integrated design of tool and DCS for total compact design

Additional features



Chiselling with adaptor (standard accessory In the kit)

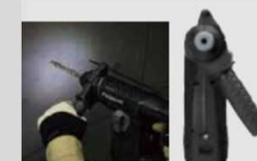


Siding panel drilling with core hole saw ($\phi 160\text{mm} \times 16\text{mm}$)



Hammering mode selection according to material hardness

Mode	rpm/min.	bpm/min.	Joule (approx.)
High	0-840	0-4400	3.3
Medium	0-680	0-3600	2.3
Low	0-560	0-2950	1.4



LED light in main body (not available in use with dust collection system)