

## 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. <sup>-1</sup>	0-4400	3.3
	Medium	0-680 min. <sup>-1</sup>	0-3600	2.3
	Low	0-560 min. <sup>-1</sup>	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 <sup>2</sup> Side handel 11.4m/s <sup>2</sup> (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 <sup>2</sup>	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

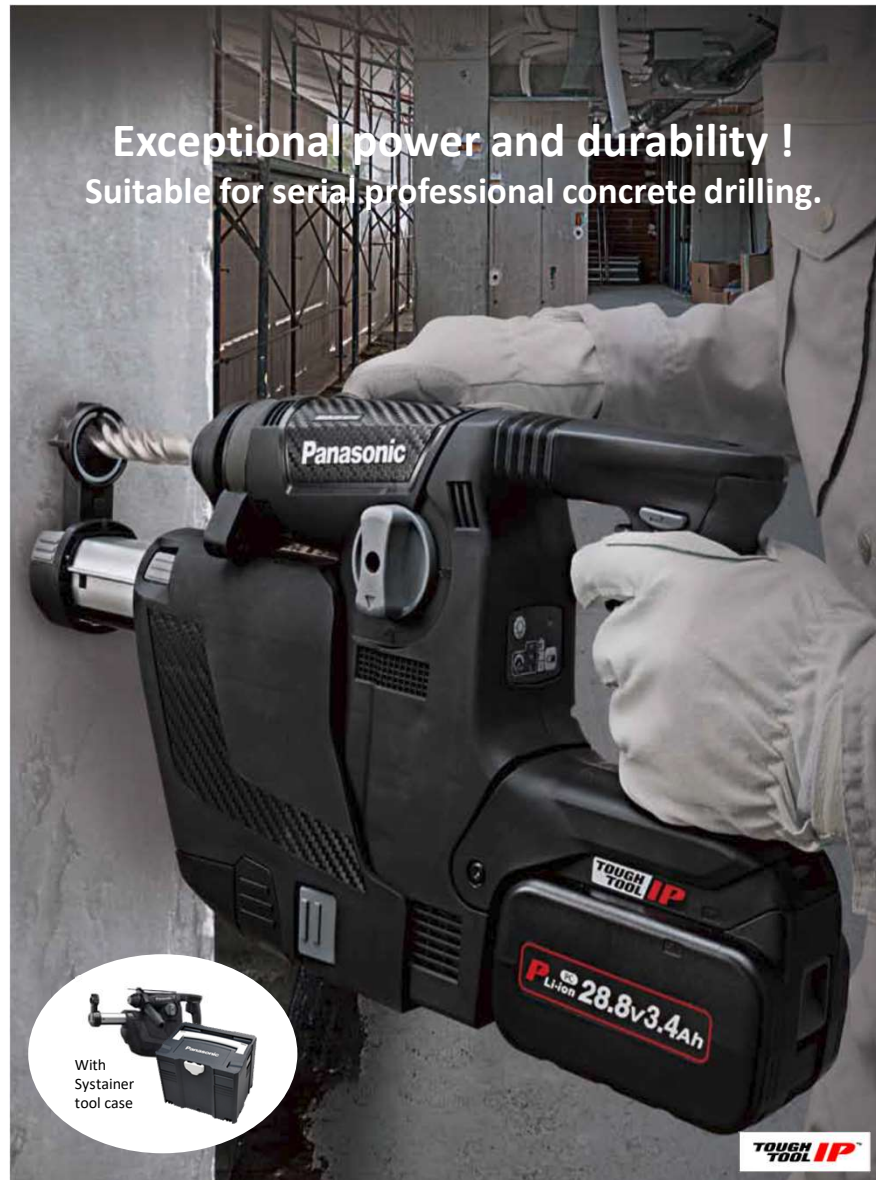
## Replacement consumable accessory

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



# Panasonic

Cordless Rotary Hammer  
EY7881



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/s<sup>2</sup>
  - 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



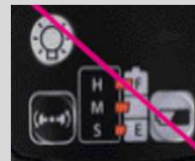
## Additional features



Chiselling with adaptor (standard accessory In the kit)

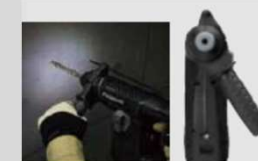


Siding panel drilling with core hole saw ( $\phi 160\text{mm} \times 16\text{mm}$ )



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)